

### Approved Inverters and PCEs for Solar Victoria, Western Power

This list includes approved products which have shown compliance to extra requirements including  
Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect Inverter - Battery Only	Enphase Energy Australia Pty Ltd	IQ7	IQ7-B1200-LN-HINT01-RV0	Transformer	1	260	Optional	NA ? Wifi	6/12/2018	6/12/2021
Grid Connect Inverter - Battery Only	SE Group Limited	DUREB2	DUR-EB2-1P-050-3B24	Transformerless	1	3000	Inbuilt	USB; RS485; Ethernet	7/04/2021	18/12/2021
Grid Connect Inverter - Battery Only	SMA Australia Pty Ltd	Sunny Boy Storage	SBS3.7-10	Transformerless	1	3680	Inbuilt	RS485; CAN; Ethernet	26/08/2021	18/12/2021
Grid Connect Inverter - Battery Only	SMA Australia Pty Ltd	Sunny Boy Storage	SBS5.0-10	Transformerless	1	5000	Inbuilt	RS485; CAN; Ethernet	26/08/2021	18/12/2021
Grid Connect Inverter - Battery Only	SMA Australia Pty Ltd	Sunny Boy Storage	SBS6.0-10	Transformerless	1	6000	Inbuilt	RS485; CAN; Ethernet	26/08/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Fronius Australia	Symo GEN24 PLUS	Symo GEN24 6.0 Plus	Transformerless	3	6000	Inbuilt	USB; RS485; Ethernet	13/03/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Fronius Australia	Symo GEN24 PLUS	Symo GEN24 8.0 Plus	Transformerless	3	8000	Inbuilt	USB; RS485; Ethernet	13/03/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Fronius Australia	Symo GEN24 PLUS	Symo GEN24 10.0 Plus	Transformerless	3	10000	Inbuilt	USB; RS485; Ethernet	13/03/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Fronius Australia	Symo GEN24 Plus	Symo GEN24 3.0 Plus	Transformerless	3	3000	Inbuilt	USB; RS485	3/06/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Fronius Australia	Symo GEN24 Plus	Symo GEN24 4.0 Plus	Transformerless	3	4000	Inbuilt	USB; RS485	3/06/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Fronius Australia	Symo GEN24 Plus	Symo GEN24 5.0 Plus	Transformerless	3	5000	Inbuilt	USB; RS485	3/06/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-2KTL-L1	Transformerless	1	2000	Inbuilt	RS485	25/06/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-3KTL-L1	Transformerless	1	3000	Inbuilt	RS485	25/06/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-4KTL-L1	Transformerless	1	4000	Inbuilt	RS485	25/06/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-4.6KTL-L1	Transformerless	1	4600	Inbuilt	RS485	25/06/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-5KTL-L1	Transformerless	1	4999	Inbuilt	RS485	25/06/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-5KTL-M0	Transformerless	3	5000	Optional	RS485	30/09/2019	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-6KTL-M0	Transformerless	3	6000	Optional	RS485	30/09/2019	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-6KTL-L1	Transformerless	1	6000	Optional	RS485	22/09/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-5KTL-M1	Transformerless	3	5000	Optional	RS485; CAN	11/02/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Huawei Technologies Co Ltd	SUN2000	SUN2000-6KTL-M1	Transformerless	3	6000	Optional	RS485; CAN	11/02/2021	18/12/2021
Grid Connect Inverter - PV and Battery	LG Electronics Inc	Residential ESS PCS	D010KE1N211	Transformerless	3	10000	Optional	RS485; Ethernet	4/08/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Senec GmbH	SENEC.Home V3 hybrid	SENEC.Home V3 hybrid 10	Transformerless	1	5000	Inbuilt	RJ45	27/04/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Senec GmbH	SENEC.Home V3 hybrid	SENEC.Home V3 hybrid 5	Transformerless	1	5000	Inbuilt	RJ45	27/04/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	NA	MIN 2500TL-XH	Transformerless	1	2500	Optional	USB	4/02/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	NA	MIN 3000TL-XH	Transformerless	1	3000	Optional	USB	4/02/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	NA	MIN 3600TL-XH	Transformerless	1	3600	Optional	USB	4/02/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	NA	MIN 4200TL-XH	Transformerless	1	4200	Optional	USB	4/02/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	NA	MIN 4600TL-XH	Transformerless	1	4600	Optional	USB	4/02/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	NA	MIN 5000TL-XH	Transformerless	1	5000	Optional	USB	4/02/2020	18/12/2021
Grid Connect Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	NA	MIN 6000TL-XH	Transformerless	1	6000	Optional	USB	4/02/2020	18/12/2021
Grid Connect Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-8.0-N-C	Transformerless	3	8000	Optional	RS485; CAN	10/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X1-Hybrid	X1-Hybrid-3.7-N-C	Transformerless	1	3680	Optional	RJ45	14/11/2020	18/12/2021
Grid Connect Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X1-Hybrid	X1-Hybrid-5.0-N-C	Transformerless	1	4999	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Grid Connect Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-5.0-N-C	Transformerless	3	5000	Optional	RS485; CAN	10/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-10.0-N-C	Transformerless	3	10000	Optional	RS485; CAN	10/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-6.0-N-C	Transformerless	3	6000	Optional	RS485; CAN	10/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Sonnen GmbH	sonnenBatterie	Hybrid 9.53/2.5	Transformerless	1	4600	Inbuilt	USB; RJ45; Ethernet	8/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Sonnen GmbH	sonnenBatterie	Hybrid 9.53/5	Transformerless	1	4600	Inbuilt	USB; RJ45; Ethernet	8/01/2021	18/12/2021

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Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect Inverter - PV and Battery	Sonnen GmbH	sonnenBatterie	Hybrid 9.53/7.5	Transformerless	1	4600	Inbuilt	USB; RJ45; Ethernet	8/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Sonnen GmbH	sonnenBatterie	Hybrid 9.53/10	Transformerless	1	4600	Inbuilt	USB; RJ45; Ethernet	8/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Sonnen GmbH	sonnenBatterie	Hybrid 9.53/12.5	Transformerless	1	4600	Inbuilt	USB; RJ45; Ethernet	8/01/2021	18/12/2021
Grid Connect Inverter - PV and Battery	Sonnen GmbH	sonnenBatterie	Hybrid 9.53/15	Transformerless	1	4600	Inbuilt	USB; RJ45; Ethernet	8/01/2021	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	PVS	PVS-50-TL	Transformerless	3	50000	Inbuilt	RJ45; Ethernet	17/04/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	PVS	PVS-50-TL-S	Transformerless	3	50000	Inbuilt	RJ45; Ethernet	17/04/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	PVS	PVS-50-TL-SX2	Transformerless	3	50000	Inbuilt	RJ45; Ethernet	17/04/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-2.0-TL-PLUS-B-Q	Transformerless	1	2000	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-2.0-TL-PLUS-SB-Q	Transformerless	1	2000	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-3.3-TL-PLUS-B-Q	Transformerless	1	3300	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-3.3-TL-PLUS-SB-Q	Transformerless	1	3300	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-4.0-TL-PLUS-B-Q	Transformerless	1	4000	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-4.0-TL-PLUS-SB-Q	Transformerless	1	4000	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-4.6-TL-PLUS-B-Q	Transformerless	1	4600	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-4.6-TL-PLUS-SB-Q	Transformerless	1	4600	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-5.0-TL-PLUS-B-QU	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String inverter	UNO-DM-5.0-TL-PLUS-SB-QU	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/08/2019	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	UNO	UNO-DM-6.0-TL-PLUS-B-G-QU	Transformerless	1	6000	Inbuilt	RS485	20/01/2020	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	UNO	UNO-DM-6.0-TL-PLUS-SB-G-QU	Transformerless	1	6000	Inbuilt	RS485	20/01/2020	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-1.2-TL-PLUS-B	Transformerless	1	1200	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-2.0-TL-PLUS-B	Transformerless	1	2000	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-3.3-TL-PLUS-B	Transformerless	1	3300	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-4.6-TL-PLUS-B	Transformerless	1	4600	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-4.0-TL-PLUS-B	Transformerless	1	4000	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-5.0-TL-PLUS-B	Transformerless	1	5000	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-1.2-TL-PLUS-SB	Transformerless	1	2000	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-2.0-TL-PLUS-SB	Transformerless	1	2000	Inbuilt	RS485; Ethernet	9/05/2017	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-6.0-TL-PLUS-B-G	Transformerless	1	6000	Inbuilt	RS485; Ethernet	19/01/2018	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	UNO-DM-6.0-TL-PLUS-SB-G	Transformerless	1	6000	Inbuilt	RS485; Ethernet	19/01/2018	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	String Inverter	PVS-100-TL	Transformerless	3	100000	Inbuilt	RJ45; Ethernet	19/01/2018	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	N/A	PVS-175-TL1-WB-SX2-IFANNNSN	Transformerless	3	175000	Inbuilt	USB; RJ45; RS485; Ethernet	5/08/2021	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	N/A	PVS-175-TL2-WB-SX2-IFANNNSN	Transformerless	3	175000	Inbuilt	USB; RJ45; RS485; Ethernet	5/08/2021	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	N/A	PVS-175-TL1-WB-SX2-IFANNMN	Transformerless	3	175000	Inbuilt	USB; RJ45; RS485; Ethernet	5/08/2021	18/12/2021
Grid Connect PV Inverter	(ABB) Power-One Italy S.p.A	N/A	PVS-175-TL2-WB-SX2-IFANNMN	Transformerless	3	175000	Inbuilt	USB; RJ45; RS485; Ethernet	5/08/2021	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW5000-S	Transformerless	1	5000	Optional	RJ45	3/04/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW4000-S	Transformerless	1	4000	Optional	RJ45	3/04/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW3680-S	Transformerless	1	3680	Optional	RJ45	3/04/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW3000-S	Transformerless	1	3000	Optional	RJ45	3/04/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW2000S-S	Transformerless	1	2000	Optional	RJ45	3/04/2020	18/12/2021

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Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW1500S-S	Transformerless	1	1500	Optional	RJ45	3/04/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW1000S-S	Transformerless	1	1000	Optional	RJ45	3/04/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW6000-T	Transformerless	3	6000	Optional	RJ45	6/03/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW5000-T	Transformerless	3	5000	Optional	RJ45	6/03/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW4000-T	Transformerless	3	4000	Optional	RJ45	6/03/2020	18/12/2021
Grid Connect PV Inverter	AISWEI New Energy Technology (Jiangsu) Co Ltd	ASW	ASW3000-T	Transformerless	3	3000	Optional	RJ45	6/03/2020	18/12/2021
Grid Connect PV Inverter	Altenergy Power System Inc	Micro PV Inverter?Grid-tied Photovoltaic Inverter?	QS1	Transformer	1	1200	Inbuilt	Ethernet	21/10/2019	18/12/2021
Grid Connect PV Inverter	Altenergy Power System Inc	Micro PV Inverter(Grid-tied Photovoltaic Inverter)	YC600	Transformer	1	600	Inbuilt	Ethernet	11/07/2017	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-5KTL1P-GI-FL	Transformerless	1	5000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-5K-T400GL01-AU	Transformerless	3	5000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-6K-T400GL01-AU	Transformerless	3	6000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-8K-T400GL01-AU	Transformerless	3	8000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-10K-T400GL01-AU	Transformerless	3	10000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-12K-T400GL01-E	Transformerless	3	12000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-15K-T400GL01-E	Transformerless	3	15000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-17K-T400GL01-E	Transformerless	3	17000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN2.0	CSI-20K-T400GL01-E	Transformerless	3	20000	Optional	RS485	26/10/2020	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI - GI	CSI-50KTL-GI	Transformerless	3	55000	Optional	RJ45; RS485	9/08/2018	18/12/2021
Grid Connect PV Inverter	Canadian Solar Inc	CSI-GEN3.0	CSI-5K-S22002-E	Transformerless	1	5000	Optional	RS485	12/02/2021	18/12/2021
Grid Connect PV Inverter	Delta Electronics Inc	Home Series	H5A_222	Transformerless	1	5000	Inbuilt	NA ? Wifi	3/12/2019	18/12/2021
Grid Connect PV Inverter	Delta Electronics Inc	Home Series	H5A_223	Transformerless	1	5000	Inbuilt	NA ? Wifi	3/12/2019	18/12/2021
Grid Connect PV Inverter	Delta Electronics Inc	HXE	H10E	Transformerless	1	10000	Inbuilt	RS485; Ethernet	23/02/2021	18/12/2021
Grid Connect PV Inverter	Delta Electronics Inc	HXE	H9E	Transformerless	1	9000	Inbuilt	RS485; Ethernet	23/02/2021	18/12/2021
Grid Connect PV Inverter	Delta Electronics Inc	HXE	H8E	Transformerless	1	8000	Inbuilt	RS485; Ethernet	23/02/2021	18/12/2021
Grid Connect PV Inverter	Delta Electronics Inc	RPI M6A	RPI M6A	Transformerless	3	5000	Inbuilt	RS485	4/01/2021	18/12/2021
Grid Connect PV Inverter	Delta Electronics Inc	RPI M10A	RPI M10A	Transformerless	3	10000	Inbuilt	RS485	29/01/2021	18/12/2021
Grid Connect PV Inverter	Enphase Energy New Zealand Limited	IQ7	IQ7-60-2-INT	Transformer	1	240	Optional	NA ? Wifi	22/12/2020	18/12/2021
Grid Connect PV Inverter	Enphase Energy New Zealand Limited	IQ7PLUS	IQ7PLUS-72-2-INT	Transformer	1	290	Optional	NA ? Wifi	22/12/2020	18/12/2021
Grid Connect PV Inverter	Enphase Energy New Zealand Limited	IQ7X	IQ7X-96-2-INT	Transformer	1	315	Optional	NA ? Wifi	22/12/2020	18/12/2021
Grid Connect PV Inverter	Enphase Energy New Zealand Limited	IQ7A	IQ7A-72-E-ACM-INT	Transformer	1	349	Optional	NA ? Wifi	22/01/2021	18/12/2021
Grid Connect PV Inverter	Enphase Energy New Zealand Limited	IQ7PLUS	IQ7PLUS-72-E-ACM-INT	Transformer	1	290	Optional	NA ? Wifi	22/01/2021	18/12/2021
Grid Connect PV Inverter	Fimer SpA	NA	PVS-33-TL-SX	Transformerless	3	36300	Optional	USB; RS485; Ethernet	19/04/2021	18/12/2021
Grid Connect PV Inverter	Fimer SpA	NA	PVS-20-TL-SXD	Transformerless	3	22000	Optional	USB; RS485; Ethernet	19/04/2021	18/12/2021
Grid Connect PV Inverter	Fimer SpA	NA	PVS-30-TL-SX	Transformerless	3	33000	Optional	USB; RS485; Ethernet	19/04/2021	18/12/2021
Grid Connect PV Inverter	Fronius Australia	ECO	ECO 25.0-3-S	Transformerless	3	25000	Inbuilt	USB; RJ45; RS485; Ethernet	12/08/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	ECO	ECO 27.0-3-S	Transformerless	3	27000	Inbuilt	USB; RJ45; RS485; Ethernet	12/08/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 3.0-1	Transformerless	1	3000	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 3.5-1	Transformerless	1	3500	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 6.0-1	Transformerless	1	6000	Inbuilt	RS485	24/04/2020	18/12/2021

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Grid Connect PV Inverter	Fronius Australia	Primo	Primo 3.6-1	Transformerless	1	3680	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 4.0-1	Transformerless	1	4000	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 4.6-1	Transformerless	1	4600	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 5.0-1 AUS	Transformerless	1	4600	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 5.0-1	Transformerless	1	5000	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 8.2-1	Transformerless	1	8200	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius Australia	Primo	Primo 5.0-1 SC	Transformerless	1	5000	Inbuilt	RS485	24/04/2020	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 17.5-3-M	Transformerless	3	17500	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 20.0-3-M	Transformerless	3	20000	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 10.0-3-M	Transformerless	3	10000	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 12.5-3-M	Transformerless	3	12500	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 15.0-3-M	Transformerless	3	15000	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 3.0-3-M	Transformerless	3	3000	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 3.7-3-M	Transformerless	3	3700	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 4.5-3-M	Transformerless	3	4500	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 5.0-3-M	Transformerless	3	5000	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 6.0-3-M	Transformerless	3	6000	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 7.0-3-M	Transformerless	3	7000	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Fronius International GmbH	Symo	Symo 8.2-3-M	Transformerless	3	8200	Inbuilt	USB; RS485	6/08/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-25K-5G-AU	Transformerless	3	25000	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-30K-5G-AU	Transformerless	3	30000	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-30K-5G-AU-MX	Transformerless	3	29999	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-33K-5G-AU	Transformerless	3	33000	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-36K-5G-AU	Transformerless	3	36000	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-40K-5G-AU	Transformerless	3	40000	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-40K-HV-5G-AU	Transformerless	3	40000	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-50K-HV-5G-AU	Transformerless	3	50000	Inbuilt	RS485	4/08/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P6K-4G-AU	Transformerless	3	6600	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P8K-4G-AU	Transformerless	3	8800	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-25K	Transformerless	3	25000	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-20K	Transformerless	3	20000	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P5K-4G-AU	Transformerless	3	5500	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-30K	Transformerless	3	30000	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-33K	Transformerless	3	33000	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Solis-mini	Solis-mini-2000-4G	Transformerless	1	2200	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Solis-mini	Solis-mini-2500-4G	Transformerless	1	2800	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Solis-mini	Solis-mini-1000-4G	Transformerless	1	1100	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Solis-mini	Solis-mini-1500-4G	Transformerless	1	1700	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Solis-mini	Solis-mini-3000-4G	Transformerless	1	3300	Optional	RS485	16/07/2020	18/12/2021

**Approved Inverters and PCEs for Solar Victoria, Western Power**

This list includes approved products which have shown compliance to extra requirements including  
Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Solis-mini	Solis-mini-3600-4G	Transformerless	1	3600	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P5K-4G-AU-MX	Transformerless	3	4999	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	NA	Solis-1P8K-5G	Transformerless	1	8000	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	NA	Solis-1P7K-5G	Transformerless	1	7000	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Solis-mini	Solis-mini-700-4G	Transformerless	1	800	Optional	RS485	16/07/2020	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P9K-4G-AU	Transformerless	3	9900	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P17K-4G	Transformerless	3	18700	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P10K-4G-AU	Transformerless	3	11000	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P20K-4G	Transformerless	3	22000	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P15K-4G	Transformerless	3	16500	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G-AU	Solis-3P12K-4G	Transformerless	3	13200	Optional	RS485	16/07/2020	20/11/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P5K-4G-MX	Transformerless	1	4999	Optional	RS485	9/01/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR1P4K (AS4777-2 2020)	Transformerless	1	4000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-40K	Transformerless	3	44000	Optional	RS485	23/06/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-50K	Transformerless	3	55000	Optional	RS485	23/06/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-50K-HV	Transformerless	3	55000	Optional	RS485	23/06/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-60K-HV	Transformerless	3	66000	Optional	RS485	23/06/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P3K-4G	Transformerless	1	3300	Optional	RS485	19/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P3.6K-4G	Transformerless	1	4000	Optional	RS485	19/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P4K-4G	Transformerless	1	4400	Optional	RS485	19/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P4.6K-4G	Transformerless	1	4600	Optional	RS485	19/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P5K-4G	Transformerless	1	5000	Optional	RS485	19/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P6K-4G	Transformerless	1	6000	Optional	RS485	19/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-80K-5G	Transformerless	3	88000	Optional	RS485	8/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-100K-5G-AU	Transformerless	3	110000	Optional	RS485	8/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-110K-5G-AU	Transformerless	3	121000	Optional	RS485	8/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-125K-HV-5G-AU	Transformerless	3	137500	Optional	RS485	8/04/2021	18/12/2021
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR1P6K (AS4777-2 2020)	Transformerless	1	6000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR1P3K (AS4777-2 2020)	Transformerless	1	3000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR1P4.6K (AS4777-2 2020)	Transformerless	1	4600	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR1P5K (AS4777-2 2020)	Transformerless	1	5000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR1P3.6K (AS4777-2 2020)	Transformerless	1	3600	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	S5-GR1P1K-M (AS4777-2 2020)	Transformerless	1	1000	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	S5-GR1P1.5K-M (AS4777-2 2020)	Transformerless	1	1500	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	Solis-mini-1500-4G (AS4777-2 2020)	Transformerless	1	1500	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	Solis-mini-3000-4G (AS4777-2 2020)	Transformerless	1	3000	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P4K-4G (AS4777-2 2020)	Transformerless	1	4000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	S5-GR1P2K-M (AS4777-2 2020)	Transformerless	1	2000	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	Solis-mini-2000-4G (AS4777-2 2020)	Transformerless	1	2000	Optional	RS485	29/07/2021	29/07/2024

**Approved Inverters and PCEs for Solar Victoria, Western Power**

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Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	Solis-mini-1000-4G (AS4777-2 2020)	Transformerless	1	1000	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	S5-GR1P2.5K-M (AS4777-2 2020)	Transformerless	1	2500	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	S5-GR1P3K-M (AS4777-2 2020)	Transformerless	1	3000	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	Mini Series	Solis-mini-2500-4G (AS4777-2 2020)	Transformerless	1	2500	Optional	RS485	29/07/2021	29/07/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P3.6K-4G (AS4777-2 2020)	Transformerless	1	3600	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P4.6K-4G (AS4777-2 2020)	Transformerless	1	4600	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P3K-4G (AS4777-2 2020)	Transformerless	1	3000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P5K-4G (AS4777-2 2020)	Transformerless	1	5000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-1P6K-4G (AS4777-2 2020)	Transformerless	1	6000	Optional	RS485	23/08/2021	20/06/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P13K (AS4777-2 2020)	Transformerless	3	13000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P20K (AS4777-2 2020)	Transformerless	3	20000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P6K-AU (AS4777-2 2020)	Transformerless	3	6000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P15K (AS4777-2 2020)	Transformerless	3	15000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P17K (AS4777-2 2020)	Transformerless	3	17000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P12K (AS4777-2 2020)	Transformerless	3	12000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P10K-AU (AS4777-2 2020)	Transformerless	3	10000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P9K-AU (AS4777-2 2020)	Transformerless	3	9000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P8K-AU (AS4777-2 2020)	Transformerless	3	8000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	S5	S5-GR3P5K-AU (AS4777-2 2020)	Transformerless	3	5000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P9K-4G-AU (AS4777-2 2020)	Transformerless	3	9000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P12K-4G (AS4777-2 2020)	Transformerless	3	12000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P17K-4G (AS4777-2 2020)	Transformerless	3	17000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P6K-4G-AU (AS4777-2 2020)	Transformerless	3	6000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P10K-4G-AU (AS4777-2 2020)	Transformerless	3	10000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P15K-4G (AS4777-2 2020)	Transformerless	3	15000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P8K-4G-AU (AS4777-2 2020)	Transformerless	3	8000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P20K-4G (AS4777-2 2020)	Transformerless	3	20000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P5K-4G-AU (AS4777-2 2020)	Transformerless	3	5000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	4G	Solis-3P5K-4G-AU-MX (AS4777-2 2020)	Transformerless	3	4999	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-1P8K-5G (AS4777-2 2020)	Transformerless	1	8000	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Ginlong Technologies Co Ltd	5G	Solis-1P7K-5G (AS4777-2 2020)	Transformerless	1	7700	Optional	RS485	23/08/2021	23/08/2024
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-13K-T2	Transformerless	3	14300	Inbuilt	RS232; RS485	28/04/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-3K-S2	Transformerless	1	3300	Inbuilt	RS232; RS485	29/10/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-5K-S2	Transformerless	1	4999	Inbuilt	RS232; RS485	29/10/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-6K-S2	Transformerless	1	6000	Inbuilt	RS232; RS485	29/10/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-8K-S2	Transformerless	1	8000	Inbuilt	RS232; RS485	29/10/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-15K-T2	Transformerless	3	16500	Inbuilt	RS232; RS485	28/04/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-17K-T2	Transformerless	3	18700	Inbuilt	RS232; RS485	28/04/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-15K-T2-AUS	Transformerless	3	16500	Inbuilt	RS232; RS485	28/04/2020	18/12/2021

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Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-17K-T2-AUS	Transformerless	3	18700	Inbuilt	RS232; RS485	28/04/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-20K-T2	Transformerless	3	22000	Inbuilt	RS232; RS485	28/04/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-20K-T2-AUS	Transformerless	3	22000	Inbuilt	RS232; RS485	28/04/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-3.6K-S2	Transformerless	1	3680	Inbuilt	RS232; RS485	11/08/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-4K-S2	Transformerless	1	4400	Inbuilt	RS232; RS485	11/08/2020	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-10K-T2	Transformerless	3	10000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-8K-T2	Transformerless	3	8000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-10K-T2-AUS	Transformerless	3	10000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-5K-T2	Transformerless	3	5000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-6K-T2-AUS	Transformerless	3	6000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-9K-T2-AUS	Transformerless	3	9000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-8K-T2-AUS	Transformerless	3	8000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-5K-T2-AUS	Transformerless	3	5000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-4K-T2-AUS	Transformerless	3	4000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Guangzhou Sanjing Electric Co Ltd	R5	R5-3K-T2-AUS	Transformerless	3	3000	Inbuilt	RS232; RS485	13/12/2019	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-800	Transformer	1	800	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-800T	Transformer	1	800	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-700	Transformer	1	700	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-700T	Transformer	1	700	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-600	Transformer	1	600	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-600T	Transformer	1	600	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-500	Transformer	1	500	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-500T	Transformer	1	500	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-400	Transformer	1	400	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-400T	Transformer	1	400	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-400A	Transformer	1	400	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-350	Transformer	1	350	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-350T	Transformer	1	350	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-350A	Transformer	1	350	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-300	Transformer	1	300	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-300T	Transformer	1	300	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HM	HM-300A	Transformer	1	300	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HME	HME-1500-AU	Transformer	1	1500	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HME	HME-1500T-AU	Transformer	1	1500	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HME	HME-1350-AU	Transformer	1	1350	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HME	HME-1350T-AU	Transformer	1	1350	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HME	HME-1200-AU	Transformer	1	1200	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Hoymiles Power Electronics Inc	HME	HME-1200T-AU	Transformer	1	1200	Optional	NA ? Wifi	6/05/2021	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-20KTL-M0	Transformerless	3	20000	Optional	RS485	30/09/2019	18/12/2021

### Approved Inverters and PCEs for Solar Victoria, Western Power

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Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-17KTL-M0	Transformerless	3	17000	Optional	RS485	30/09/2019	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-15KTL-M0	Transformerless	3	15000	Optional	RS485	30/09/2019	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-12KTL-M0	Transformerless	3	12000	Optional	RS485	30/09/2019	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-10KTL-M0	Transformerless	3	10000	Optional	RS485	30/09/2019	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-8kTL-M0	Transformerless	3	8000	Optional	RS485	30/09/2019	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-100kTL-M1	Transformerless	3	100000	Inbuilt	RS485	25/06/2020	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-20KTL-M2	Transformerless	3	20000	Optional	RS485	22/09/2020	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-15KTL-M2	Transformerless	3	15000	Optional	RS485	22/09/2020	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-10KTL-M2	Transformerless	3	10000	Optional	RS485	22/09/2020	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-17KTL-M2	Transformerless	3	17000	Optional	RS485	22/09/2020	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-8KTL-M2	Transformerless	3	8000	Optional	RS485	22/09/2020	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-12KTL-M2	Transformerless	3	12000	Optional	RS485	22/09/2020	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-50KTL-M0	Transformerless	3	55000	Optional	USB; RS485	30/08/2021	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-29.9KTL-M3	Transformerless	3	29900	Inbuilt	RS485	20/01/2021	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-36KTL-M3	Transformerless	3	40000	Inbuilt	RS485	20/01/2021	18/12/2021
Grid Connect PV Inverter	Huawei Technologies Co Ltd	SUN2000	SUN2000-40KTL-M3	Transformerless	3	44000	Inbuilt	RS485	20/01/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	INVT iMars	iMars MG3KTL	Transformerless	1	3000	Inbuilt	RS485	4/01/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	INVT iMars	iMars MG2KTL	Transformerless	1	2000	Inbuilt	RS485	4/01/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	INVT iMars	iMars MG1KTL	Transformerless	1	1000	Inbuilt	RS485	4/01/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	INVT iMars	iMars MG750TL	Transformerless	1	750	Inbuilt	RS485	4/01/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	INVT iMars	iMars MG1K5TL	Transformerless	1	1500	Inbuilt	RS485	4/01/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG20KTR	Transformerless	3	20000	Optional	RS485	12/06/2019	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG25KTR	Transformerless	3	25000	Optional	RS485	12/06/2019	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG30KTR	Transformerless	3	30000	Optional	RS485	12/06/2019	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	MG	iMars MG3KTL-2M	Transformerless	1	3000	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	MG	iMars MG4KTL-2M	Transformerless	1	3680	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	MG	iMars MG5KTL	Transformerless	1	4600	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	MG	iMars MG5KTL-2M	Transformerless	1	4600	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	MG	iMars MG5K5TL-2M	Transformerless	1	4999	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG8KTR	Transformerless	3	8000	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG10KTR	Transformerless	3	10000	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG12KTR	Transformerless	3	12000	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG15KTR	Transformerless	3	15000	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	INVT Solar Technology Shenzhen Co Ltd	BG	iMars BG17KTR	Transformerless	3	17000	Optional	RS485	11/02/2021	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW10KN-DT	Transformerless	3	10000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW10KL-DT	Transformerless	3	10000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW12KN-DT	Transformerless	3	12000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW15KN-DT	Transformerless	3	15000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW17KN-DT	Transformerless	3	17000	Optional	USB; RS485	21/10/2020	18/12/2021



**Approved Inverters and PCEs for Solar Victoria, Western Power**

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Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW20KN-DT	Transformerless	3	20000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW5000-DT	Transformerless	3	5000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW5000L-DT	Transformerless	3	5000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW6000L-DT	Transformerless	3	6000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT	GW8000-DT	Transformerless	3	8000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW6K-DT	Transformerless	3	6000	Optional	RS485; Ethernet	4/11/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW8K-DT	Transformerless	3	8000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW10KT-DT	Transformerless	3	10000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW12KT-DT	Transformerless	3	12000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW6KL-DT	Transformerless	3	6000	Optional	RS485; Ethernet	4/11/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW5K-DT	Transformerless	3	5000	Optional	RS485; Ethernet	4/11/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW5KL-DT	Transformerless	3	5000	Optional	RS485; Ethernet	4/11/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW4K-DT	Transformerless	3	4000	Optional	RS485; Ethernet	4/11/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW4KL-DT	Transformerless	3	4000	Optional	RS485; Ethernet	4/11/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SDT G2	GW15KT-DT	Transformerless	3	15000	Optional	USB; RS485	21/10/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SMT	GW36K-MT	Transformerless	3	36000	Optional	RS485	15/04/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SMT	GW29.9K-MT	Transformerless	3	29900	Optional	RS485	15/04/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	SMT	GW25K-MT	Transformerless	3	25000	Optional	RS485	15/04/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	XS	GW3000-XS	Transformerless	1	3000	Optional	USB	13/08/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	XS	GW2500-XS	Transformerless	1	2500	Optional	USB	13/08/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	XS	GW2000-XS	Transformerless	1	2000	Optional	USB	13/08/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	XS	GW1500-XS	Transformerless	1	1500	Optional	USB	13/08/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	XS	GW1000-XS	Transformerless	1	1000	Optional	USB	13/08/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	XS	GW700-XS	Transformerless	1	700	Optional	USB	13/08/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MT	GW50K-MT	Transformerless	3	50000	Optional	USB; RS485	15/05/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MT	GW60K-MT	Transformerless	3	60000	Optional	USB; RS485	15/05/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MT	GW50KN-MT	Transformerless	3	50000	Optional	USB; RS485	15/05/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MT	GW60KN-MT	Transformerless	3	60000	Optional	USB; RS485	15/05/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MT	GW80K-MT	Transformerless	3	80000	Optional	USB; RS485	3/03/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MS	GW10K-MS	Transformerless	1	10000	Optional	USB; RS485	23/12/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MS	GW8500-MS	Transformerless	1	8500	Optional	USB; RS485	23/12/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MS	GW7000-MS	Transformerless	1	7000	Optional	USB; RS485	23/12/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MS	GW6000-MS	Transformerless	1	6000	Optional	USB; RS485	23/12/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	MS	GW5000-MS	Transformerless	1	5000	Optional	USB; RS485	23/12/2019	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 4.6-10kW Single-phase	GEP5.0-1C-10	Transformerless	1	4999	Optional	RS485	2/11/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 4.6-10kW Single-phase	GEP8.5-1-10	Transformerless	1	8500	Optional	RS485	2/11/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 4.6-10kW Single-phase	GEP10-1-10	Transformerless	1	10000	Optional	RS485	2/11/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GW4200D-NS (AS4777-2 2020)	Transformerless	1	4200	Inbuilt	USB; RS485	6/08/2021	6/08/2024
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GW5000T-DS (AS4777-2 2020)	Transformerless	1	5000	Inbuilt	USB; RS485	6/08/2021	6/08/2024

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Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	DNS	GW5000D-NS (AS4777-2 2020)	Transformerless	1	4999	Inbuilt	USB; RS485	6/08/2021	6/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	DNS	GW3600T-DS (AS4777-2 2020)	Transformerless	1	3680	Inbuilt	USB; RS485	6/08/2021	6/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	DNS	GW3000D-NS (AS4777-2 2020)	Transformerless	1	3000	Inbuilt	USB; RS485	6/08/2021	6/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	DNS	GW3600D-NS (AS4777-2 2020)	Transformerless	1	3680	Inbuilt	USB; RS485	6/08/2021	6/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	DNS	GW4200T-DS (AS4777-2 2020)	Transformerless	1	4200	Inbuilt	USB; RS485	6/08/2021	6/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	DNS	GW3000T-DS (AS4777-2 2020)	Transformerless	1	3000	Inbuilt	USB; RS485	6/08/2021	6/08/2024
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 30-60kW Three-phase	GEP50-10	Transformerless	3	50000	Optional	USB; RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 30-60kW Three-phase	GEP60-10	Transformerless	3	60000	Optional	USB; RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GEP 3-5kW SINGLE PHASE SERIES	GEP4.2-1-10 (AS4777-2 2020)	Transformerless	1	4200	Optional	RS485	23/09/2021	23/09/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GEP 3-5kW SINGLE PHASE SERIES	GEP5.0-1-10 (AS4777-2 2020)	Transformerless	1	5000	Optional	RS485	23/09/2021	23/09/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GEP 3-5kW SINGLE PHASE SERIES	GEP3.6-1-10 (AS4777-2 2020)	Transformerless	1	3600	Optional	RS485	23/09/2021	23/09/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GEP 4.6-10KW SINGLE PHASE SERIES	GEP8.5-1-10 (AS4777-2 2020)	Transformerless	1	8500	Optional	RS485	14/09/2021	14/09/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GEP 4.6-10KW SINGLE PHASE SERIES	GEP10-1-10 (AS4777-2 2020)	Transformerless	1	10000	Optional	RS485	14/09/2021	14/09/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	GEP 4.6-10KW SINGLE PHASE SERIES	GEP5.0-1C-10 (AS4777-2 2020)	Transformerless	1	5000	Optional	RS485	14/09/2021	14/09/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	SDTG2	GW20KAU-DT (AS4777-2 2020)	Transformerless	3	20000	Optional	USB; RS485	4/08/2021	4/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	SDTG2	GW8KAU-DT (AS4777-2 2020)	Transformerless	3	8000	Optional	USB; RS485	4/08/2021	4/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	MS	GW8500-MS (AS4777-2 2020)	Transformerless	1	8500	Optional	USB; RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	MS	GW7000-MS (AS4777-2 2020)	Transformerless	1	7000	Optional	USB; RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	SDTG2	GW10KAU-DT (AS4777-2 2020)	Transformerless	3	10000	Optional	USB; RS485	4/08/2021	4/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	SDTG2	GW15KAU-DT (AS4777-2 2020)	Transformerless	3	15000	Optional	USB; RS485	4/08/2021	4/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	MS	GW6000-MS (AS4777-2 2020)	Transformerless	1	6000	Optional	USB; RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	MS	GW10K-MS (AS4777-2 2020)	Transformerless	1	10000	Optional	USB; RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	MS	GW5000-MS (AS4777-2 2020)	Transformerless	1	5000	Optional	USB; RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	DNS	GW5000D-NS	Transformerless	1	4999	Optional	RS485	28/07/2021	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	DNS	GW4200D-NS	Transformerless	1	4200	Optional	RS485	28/07/2021	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	DNS	GW3600D-NS	Transformerless	1	3680	Optional	RS485	28/07/2021	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	DNS	GW3000D-NS	Transformerless	1	3000	Optional	RS485	28/07/2021	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 3-5kW Single-phase	GEP3.6-1-10	Transformerless	1	3600	Optional	RS485	2/11/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 3-5kW Single-phase	GEP4.2-1-10	Transformerless	1	4200	Optional	RS485	2/11/2020	18/12/2021
Grid Connect PV Inverter	Jiangsu GoodWe Power Supply Technology Co Ltd	GEP 3-5kW Single-phase	GEP5.0-1-10	Transformerless	1	4999	Optional	RS485	2/11/2020	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI5K-B	Transformerless	3	5000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI6K-B	Transformerless	3	6000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI8K-B	Transformerless	3	8000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI10K-B	Transformerless	3	10000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI12K-BL	Transformerless	3	12000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI15K-B	Transformerless	3	15000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI17K-B	Transformerless	3	17000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Kehua Hengsheng Co Ltd	SPI-B	SPI20K-B	Transformerless	3	20000	Optional	RJ45	11/11/2019	18/12/2021
Grid Connect PV Inverter	Maitian Energy Co Ltd	E SERIES	E3000	Transformerless	1	3000	Optional	USB; RS485	20/05/2020	18/12/2021

**Approved Inverters and PCEs for Solar Victoria, Western Power**

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Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Maitian Energy Co Ltd	E SERIES	E3600	Transformerless	1	3600	Optional	USB; RS485	20/05/2020	18/12/2021
Grid Connect PV Inverter	Maitian Energy Co Ltd	F SERIES	F4600	Transformerless	1	4600	Optional	USB; RS485	20/05/2020	18/12/2021
Grid Connect PV Inverter	Maitian Energy Co Ltd	F SERIES	F5000	Transformerless	1	5000	Optional	USB; RS485	20/05/2020	18/12/2021
Grid Connect PV Inverter	Maitian Energy Co Ltd	F SERIES	F6000	Transformerless	1	6000	Optional	USB; RS485	20/05/2020	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STS-3K-5KTL	STS-3KTL	Transformerless	1	3000	Optional	USB; RS485	25/11/2020	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STS-3K-5KTL	STS-3.6KTL	Transformerless	1	3600	Optional	USB; RS485	25/11/2020	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STS-3K-5KTL	STS-4.2KTL	Transformerless	1	4200	Optional	USB; RS485	25/11/2020	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STS-3K-5KTL	STS-4.6KTL	Transformerless	1	4600	Optional	USB; RS485	25/11/2020	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STS-3K-5KTL	STS-5KTL	Transformerless	1	5000	Optional	USB; RS485	25/11/2020	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-12KTL	Transformerless	3	12000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-15KTL	Transformerless	3	15000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-17KTL	Transformerless	3	17000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-20KTL	Transformerless	3	20000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-25KTL	Transformerless	3	25000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-4KTL	Transformerless	3	4000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-5KTL	Transformerless	3	5000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-6KTL	Transformerless	3	6000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-8KTL	Transformerless	3	8000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Ningbo Sunways Technologies Co Ltd	STT4-25KTL	STT-10KTL	Transformerless	3	10000	Optional	USB; RS485	2/07/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 3000 TL3-X	Transformerless	3	3000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 4000TL3-X	Transformerless	3	4000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 6000TL3-X	Transformerless	3	6000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 9000TL3-X-AU	Transformerless	3	9000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 10KTL3-X-AU	Transformerless	3	10000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 15KTL3-X	Transformerless	3	15000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 11KTL3-X-AU	Transformerless	3	11000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 12KTL3-X	Transformerless	3	12000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 5000TL3-X	Transformerless	3	5000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 13KTL3-X	Transformerless	3	13000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 7000TL3-X-AU	Transformerless	3	7000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	TL3-X	MOD 8000TL3-X-AU	Transformerless	3	8000	Optional	RS485	11/03/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	MIN	MIN 8000TL-X(E) (AS4777-2 2020)	Transformerless	1	8000	Optional	USB; RS485	30/07/2021	30/07/2024
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	MIN	MIN 7000TL-X (AS4777-2 2020)	Transformerless	1	7000	Optional	USB; RS485	30/07/2021	30/07/2024
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	MIN	MIN 7000TL-X(E) (AS4777-2 2020)	Transformerless	1	7000	Optional	USB; RS485	30/07/2021	30/07/2024
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	MIN	MIN 10000TL-X (AS4777-2 2020)	Transformerless	1	10000	Optional	USB; RS485	30/07/2021	30/07/2024
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	MIN	MIN 9000TL-X (AS4777-2 2020)	Transformerless	1	9000	Optional	USB; RS485	30/07/2021	30/07/2024
Grid Connect PV Inverter	Shenzhen Growatt New Energy Co Ltd	MIN	MIN 8000TL-X (AS4777-2 2020)	Transformerless	1	8000	Optional	USB; RS485	30/07/2021	30/07/2024
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	7000MTL-S	Transformerless	1	7000	Optional	RS232	29/07/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	8000MTL-S	Transformerless	1	8200	Optional	RS232	29/07/2019	18/12/2021

**Approved Inverters and PCEs for Solar Victoria, Western Power**

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Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	MIN 2500TL-X	Transformerless	1	2500	Optional	USB	20/02/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	MIN 3000TL-X	Transformerless	1	3000	Optional	USB	20/02/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	MIN 3600TL-X	Transformerless	1	3600	Optional	USB	20/02/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	MIN 4200TL-X	Transformerless	1	4200	Optional	USB	20/02/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	MIN 4600TL-X	Transformerless	1	4600	Optional	USB	20/02/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	MIN 5000TL-X	Transformerless	1	5000	Optional	USB	20/02/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	MIN 6000TL-X	Transformerless	1	6000	Optional	USB	20/02/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	GROWATT	Growatt 3000-S	Transformerless	1	3000	Optional	RS232	3/05/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	GROWATT	Growatt 2000-S	Transformerless	1	2000	Optional	RS232	3/05/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	GROWATT	Growatt 1500-S	Transformerless	1	1600	Optional	RS232	3/05/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen Growatt New Energy Technology Co Ltd	GROWATT	Growatt 1000-S	Transformerless	1	1000	Optional	RS232	3/05/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 20000TL-G2-SOFAR 33000TL-G2	SOFAR 33000TL-G2	Transformerless	3	33000	Inbuilt	RS485	8/07/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	10000TL-G2	Transformerless	3	11000	Inbuilt	RS485	9/09/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	12000TL-G2	Transformerless	3	13200	Inbuilt	RS485	9/09/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	15000TL-G2	Transformerless	3	16500	Inbuilt	RS485	9/09/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	7.5KTLM	Transformerless	1	7500	Optional	RS485	21/06/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 3300TL-G3	Transformerless	1	3300	Optional	RS485	15/06/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 1600TL-G3	Transformerless	1	1600	Optional	RS485	15/06/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 3000TL-G3	Transformerless	1	3000	Optional	RS485	15/06/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 2700TL-G3	Transformerless	1	2700	Optional	RS485	15/06/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 2200TL-G3	Transformerless	1	2200	Optional	RS485	15/06/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 1100TL-G3	Transformerless	1	1100	Optional	RS485	15/06/2020	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 20000TL-G2-SOFAR 33000TL-G2	SOFAR 20000TL-G2	Transformerless	3	20000	Inbuilt	RS485	8/07/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 20000TL-G2-SOFAR 33000TL-G2	SOFAR 25000TL-G2	Transformerless	3	25000	Inbuilt	RS485	8/07/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 20000TL-G2-SOFAR 33000TL-G2	SOFAR 30000TL-G2	Transformerless	3	30000	Inbuilt	RS485	8/07/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 60000TL	Transformerless	3	60000	Inbuilt	RS485	4/01/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 70000TL-HV	Transformerless	3	75000	Inbuilt	RS485	4/01/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR	SOFAR 50000TL	Transformerless	3	50000	Inbuilt	RS485	4/01/2019	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G2	SOFAR 3KTLM-G2 (AS4777-2 2020)	Transformerless	1	3000	Optional	USB; RS485	20/07/2021	1/02/2023
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G2	SOFAR 3.6KTLM-G2 (AS4777-2 2020)	Transformerless	1	3680	Optional	USB; RS485	20/07/2021	1/02/2023
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G2	SOFAR 4.6KTLM-G2 (AS4777-2 2020)	Transformerless	1	4600	Optional	USB; RS485	20/07/2021	1/02/2023
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G2	SOFAR 6KTLM-G2 (AS4777-2 2020)	Transformerless	1	6000	Optional	USB; RS485	20/07/2021	1/02/2023
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G2	SOFAR 5KTLM-G2 (AS4777-2 2020)	Transformerless	1	5000	Optional	USB; RS485	20/07/2021	1/02/2023
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G2	SOFAR 4KTLM-G2 (AS4777-2 2020)	Transformerless	1	4000	Optional	USB; RS485	20/07/2021	1/02/2023
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 10KTLX-G3-A (AS4777-2 2020)	Transformerless	3	10000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 8.8KTLX-G3-A (AS4777-2 2020)	Transformerless	3	8000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	NA	SOFAR 4.6KTLM-G2	Transformerless	1	4600	Optional	RS485	28/04/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	NA	SOFAR 6KTLM-G2	Transformerless	1	6000	Optional	RS485	28/04/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	NA	SOFAR 3.6KTLM-G2	Transformerless	1	3600	Optional	RS485	28/04/2021	18/12/2021

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Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 6.6KTLX-G3 (AS4777-2 2020)	Transformerless	3	6000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 8.8KTLX-G3 (AS4777-2 2020)	Transformerless	3	8000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 12KTLX-G3 (AS4777-2 2020)	Transformerless	3	12000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 3.3KTLX-G3 (AS4777-2 2020)	Transformerless	3	3000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 5.5KTLX-G3 (AS4777-2 2020)	Transformerless	3	5000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 4.4KTLX-G3 (AS4777-2 2020)	Transformerless	3	4000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 5KTLX-G3-A (AS4777-2 2020)	Transformerless	3	5000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3.3K~12KTLX-G3	SOFAR 11KTLX-G3-A (AS4777-2 2020)	Transformerless	3	10000	Optional	USB; RS485	6/09/2021	6/09/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	NA	SOFAR 5KTLM-G2	Transformerless	1	5000	Optional	RS485	28/04/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	NA	SOFAR 3KTLM-G2	Transformerless	1	3000	Optional	RS485	28/04/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	NA	SOFAR 4KTLM-G2	Transformerless	1	4000	Optional	RS485	28/04/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G3	SOFAR 3KTLM-G3 (AS4777-2 2020)	Transformerless	1	3000	Optional	USB; RS485	17/08/2021	17/08/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G3	SOFAR 4KTLM-G3 (AS4777-2 2020)	Transformerless	1	4000	Optional	USB; RS485	17/08/2021	17/08/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G3	SOFAR 4.6KTLM-G3 (AS4777-2 2020)	Transformerless	1	4600	Optional	USB; RS485	17/08/2021	17/08/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G3	SOFAR 5KTLM-G3 (AS4777-2 2020)	Transformerless	1	5000	Optional	USB; RS485	17/08/2021	17/08/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G3	SOFAR 6KTLM-G3 (AS4777-2 2020)	Transformerless	1	6000	Optional	USB; RS485	17/08/2021	17/08/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G3	SOFAR 3.6KTLM-G3 (AS4777-2 2020)	Transformerless	1	3680	Optional	USB; RS485	17/08/2021	17/08/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	PV inverter	SOFAR 12KTL-X	Transformerless	3	13200	Optional	RS485	24/08/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	SOFAR 3-6KTLM-G3	SOFAR 5KTLM-G3-A (AS4777-2 2020)	Transformerless	1	5000	Optional	USB; RS485	17/08/2021	17/08/2024
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	PV inverter	SOFAR 8.8KTL-X	Transformerless	3	8800	Optional	RS485	24/08/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	PV inverter	SOFAR 11KTL-X	Transformerless	3	11000	Optional	RS485	24/08/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	PV inverter	SOFAR 4.4KTL-X	Transformerless	3	4400	Optional	RS485	24/08/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	PV inverter	SOFAR 5KTL-X	Transformerless	3	5000	Optional	RS485	24/08/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	PV inverter	SOFAR 5.5KTL-X	Transformerless	3	5500	Optional	RS485	24/08/2021	18/12/2021
Grid Connect PV Inverter	Shenzhen SOFARSOLAR Co Ltd	PV inverter	SOFAR 6.6KTL-X	Transformerless	3	6600	Optional	RS485	24/08/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Boy	SB3.0-1AV-41	Transformerless	1	3000	Inbuilt	RJ45; Ethernet	17/04/2019	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Boy	SB4.0-1AV-41	Transformerless	1	4000	Inbuilt	RJ45; RS485; Ethernet	17/04/2019	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Boy	SB5.0-1AV-41	Transformerless	1	5000	Inbuilt	RJ45; RS485; Ethernet	17/04/2019	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Boy	SB6.0-1AV-41	Transformerless	1	6000	Inbuilt	RJ45; RS485; Ethernet	17/04/2019	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP3.0-3AV-40	Transformerless	3	3000	Inbuilt	RS485; Ethernet	2/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP4.0-3AV-40	Transformerless	3	4000	Inbuilt	RS485; Ethernet	2/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP5.0-3AV-40	Transformerless	3	5000	Inbuilt	RS485; Ethernet	2/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP6.0-3AV-40	Transformerless	3	6000	Inbuilt	RS485; Ethernet	2/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP8.0-3AV-40	Transformerless	3	8000	Inbuilt	RS485; Ethernet	2/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP10.0-3AV-40	Transformerless	3	10000	Inbuilt	RS485; Ethernet	2/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP 50-40	Transformerless	3	50000	Inbuilt	RJ45; Ethernet	13/01/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP50-41	Transformerless	3	50000	Inbuilt	USB; RS485; Ethernet	24/08/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Boy	SB1.5-1VL-40	Transformerless	1	1500	Inbuilt	RJ45	8/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Boy	SB2.5-1VL-40	Transformerless	1	2500	Inbuilt	RJ45	8/09/2021	18/12/2021

**Approved Inverters and PCEs for Solar Victoria, Western Power**

This list includes approved products which have shown compliance to extra requirements including  
Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP15000TL-30	Transformerless	3	15000	Inbuilt	RJ45	8/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP20000TL-30	Transformerless	3	20000	Inbuilt	RJ45	8/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Australia Pty Ltd	Sunny Tripower	STP25000TL-30	Transformerless	3	25000	Inbuilt	RJ45	8/09/2021	18/12/2021
Grid Connect PV Inverter	SMA Solar Technology AG	SUNNY TRIPOWER CORE2	STP 110-60	Transformerless	3	110000	Inbuilt	RJ45; Ethernet	13/01/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE5K-AU	Transformerless	3	4985	Inbuilt	RJ45; Ethernet	29/08/2019	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE7K-AU	Transformerless	3	7000	Inbuilt	RJ45; Ethernet	29/08/2019	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE8K-AU	Transformerless	3	8000	Inbuilt	RJ45; Ethernet	29/08/2019	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverter	SE15K	Transformerless	3	15000	Inbuilt	RJ45; Ethernet	7/11/2016	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverter	SE17K	Transformerless	3	17000	Inbuilt	RJ45; Ethernet	7/11/2016	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Single Phase Inverter	SE3000H	Transformerless	1	3000	Inbuilt	RJ45; Ethernet	31/03/2017	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Single Phase Inverter	SE4000H	Transformerless	1	4000	Inbuilt	RJ45; Ethernet	31/03/2017	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Single Phase Inverter	SE5000H	Transformerless	1	5000	Inbuilt	RJ45; Ethernet	31/03/2017	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Single Phase Inverter	SE6000H	Transformerless	1	6000	Inbuilt	RJ45; Ethernet	31/03/2017	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverter	SE25K	Transformerless	3	25000	Inbuilt	RS485; Ethernet	8/12/2020	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverter	SE27.6K	Transformerless	3	27600	Inbuilt	RS485; Ethernet	8/12/2020	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverters	SE8.25K-AUB	Transformerless	3	8250	Inbuilt	RS485; Ethernet	18/12/2020	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverters	SE7K-AUB	Transformerless	3	7000	Inbuilt	RS485; Ethernet	18/12/2020	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverters	SE10K-AUB	Transformerless	3	10000	Inbuilt	RS485; Ethernet	18/12/2020	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Three Phase Inverters	SE5K-AUB	Transformerless	3	5000	Inbuilt	RS485; Ethernet	18/12/2020	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Single Phase Inverter	SE8250H	Transformerless	1	8250	Inbuilt	USB; RJ45; RS485; Other	2/03/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Single Phase Inverter	SE8000H	Transformerless	1	8000	Inbuilt	USB; RJ45; RS485; Other	1/04/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	Single Phase Inverter	SE10000H	Transformerless	1	10000	Inbuilt	USB; RJ45; RS485; Other	1/04/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 Phase Inverter	SE50K	Transformerless	3	50000	Optional	RJ45; RS485	13/08/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE100K	Transformerless	3	100000	Optional	RJ45; RS485; Ethernet	13/08/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE82.8K	Transformerless	3	82800	Optional	RJ45; RS485	13/08/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE66.6K	Transformerless	3	66600	Optional	RJ45; RS485	13/08/2021	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE30K	Transformerless	3	30000	Inbuilt	RS485; Ethernet	4/11/2020	18/12/2021
Grid Connect PV Inverter	SolarEdge Technologies Ltd	3 phase Inverter	SE33.3K	Transformerless	3	33300	Inbuilt	RS485; Ethernet	4/11/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1 - 3.0-T-N(L)	Transformerless	1	3000	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-3.3-T-N(L)	Transformerless	1	3300	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-3.6-T-N(L)	Transformerless	1	3680	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-4.2-T-N(L)	Transformerless	1	4200	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-5.0-T-D(L)	Transformerless	1	5000	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-5.0-T-N(L)	Transformerless	1	5000	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-3.0-T-D(L)	Transformerless	1	3000	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-3.3-T-D(L)	Transformerless	1	3300	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-4.2-T-D(L)	Transformerless	1	4200	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Boost	X1-3.6-T-D(L)	Transformerless	1	3680	Optional	USB; RS485	7/10/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Air	X1-2.5-S-N(L)	Transformerless	1	2500	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021

**Approved Inverters and PCEs for Solar Victoria, Western Power**

This list includes approved products which have shown compliance to extra requirements including  
Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Air	X1-2.5-S-D(L)	Transformerless	1	2500	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Air	X1-3.0-S-N(L)	Transformerless	1	3000	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Air	X1-3.0-S-D(L)	Transformerless	1	3000	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Air	X1-3.3-S-N(L)	Transformerless	1	3300	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Air	X1-3.3-S-D(L)	Transformerless	1	3300	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Smart	X1-6.0-T-D	Transformerless	1	6000	Optional	USB; RS485	3/06/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Smart	X1-6.0-T-N	Transformerless	1	6000	Optional	USB; RS485	3/06/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Smart	X1-7.0-T-N	Transformerless	1	7000	Optional	USB; RS485	3/06/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Smart	X1-7.0-T-D	Transformerless	1	7000	Optional	USB; RS485	3/06/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Smart	X1-8.0-T-N	Transformerless	1	8000	Optional	USB; RS485	3/06/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 Smart	X1-8.0-T-D	Transformerless	1	8000	Optional	USB; RS485	3/06/2019	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-0.7-S-N(L)	Transformerless	1	700	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-0.7-S-D(L)	Transformerless	1	700	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-1.1-S-N(L)	Transformerless	1	1100	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-1.1-S-D(L)	Transformerless	1	1100	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-1.5-S-N(L)	Transformerless	1	1500	Optional	USB; RJ45; RS232	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-1.5-S-D(L)	Transformerless	1	1500	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-2.0-S-N(L)	Transformerless	1	2000	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X1 MINI	X1-2.0-S-D(L)	Transformerless	1	2000	Optional	USB; RJ45; RS485	23/09/2020	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-10.0-T-D	Transformerless	3	10000	Optional	USB; RS485	23/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-5.0-T-D	Transformerless	3	5000	Optional	USB; RS485	23/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-6.0-T-D	Transformerless	3	6000	Optional	USB; RS485	23/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-9.0-T-N	Transformerless	3	9000	Optional	USB; RS485	1/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-9.0-T-D	Transformerless	3	9000	Optional	USB; RS485	23/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-6.0-T-N	Transformerless	3	6000	Optional	USB; RS485	1/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-8.0-T-D	Transformerless	3	8000	Optional	USB; RS485	23/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-8.0-T-N	Transformerless	3	8000	Optional	USB; RS485	1/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-10.0-T-N	Transformerless	3	10000	Optional	USB; RS485	1/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-5.0-T-N	Transformerless	3	5000	Optional	USB; RS485	1/02/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-8.0P-T-N	Transformerless	3	8000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-8.0P-T-D	Transformerless	3	8000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-10.0P-T-N	Transformerless	3	10000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-10.0P-T-D	Transformerless	3	10000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-12.0P-T-N	Transformerless	3	12000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-12.0P-T-D	Transformerless	3	12000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-15.0P-T-N	Transformerless	3	15000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	SolaX Power Network Technology Zhejiang Co Ltd	X3	X3-15.0P-T-D	Transformerless	3	15000	Optional	USB; RS485	31/05/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	CX	SG110CX	Transformerless	3	110000	Optional	RS485	23/07/2019	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	CX	SG30CX	Transformerless	3	29900	Optional	RS485	23/07/2019	18/12/2021

**Approved Inverters and PCEs for Solar Victoria, Western Power**

This list includes approved products which have shown compliance to extra requirements including  
Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	CX	SG50CX	Transformerless	3	50000	Optional	RS485	23/07/2019	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential Inverter	SG8K-D	Transformerless	1	8000	Optional	RS485	12/02/2019	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential Inverter	SG10KTL-MT	Transformerless	3	10000	Optional	RJ45	12/02/2019	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG2K-S	Transformerless	1	2000	Inbuilt	RJ45; RS485	19/03/2020	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG2K5-S	Transformerless	1	2500	Inbuilt	RJ45; RS485	19/03/2020	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG3K-S	Transformerless	1	3000	Inbuilt	RJ45; RS485	19/03/2020	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG3K-D	Transformerless	1	3000	Inbuilt	RJ45; RS485	19/03/2020	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG5K-D	Transformerless	1	4999	Inbuilt	RJ45; RS485	19/03/2020	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG8.0RT	Transformerless	3	8000	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Commercial	SG17RT	Transformerless	3	17000	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Commercial	SG12RT	Transformerless	3	12000	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG5.0RT	Transformerless	3	5000	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG7.0RT	Transformerless	3	6999	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG10RT	Transformerless	3	10000	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Commercial	SG15RT	Transformerless	3	15000	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Commercial	SG20RT	Transformerless	3	20000	Inbuilt	RS485; Ethernet	18/01/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Sun Access	SG5KTL-MT	Transformerless	3	5000	Optional	RS485	15/09/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Sun Access	SG20KTL-M	Transformerless	3	20000	Optional	RS485	15/09/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG2.0RS-S	Transformerless	1	2000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG2.5RS-S	Transformerless	1	2500	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG3.0RS-S	Transformerless	1	3000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG3.0RS	Transformerless	1	3000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG5.0RS	Transformerless	1	4999	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG5.0RS-ADA	Transformerless	1	4999	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG8.0RS	Transformerless	1	8000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Sungrow Power Supply Co Ltd	Residential	SG10RS	Transformerless	1	10000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-3680D	Transformerless	1	3680	Optional	Other	28/04/2020	18/12/2021
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-4000D	Transformerless	1	4400	Optional	Other	28/04/2020	18/12/2021
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-5000D	Transformerless	1	5000	Optional	Other	28/04/2020	18/12/2021
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-5000	Transformerless	1	5000	Optional	RS485	4/11/2019	18/12/2021
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-4000	Transformerless	1	4000	Optional	RS485	4/11/2019	18/12/2021
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-3680	Transformerless	1	3680	Optional	RS485	4/11/2019	18/12/2021
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-9000 (AS4777-2 2020)	Transformerless	1	9000	Optional	RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-8000 (AS4777-2 2020)	Transformerless	1	8500	Optional	RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	Suzhou Hypotech Co Ltd	HPS	HPS-7000 (AS4777-2 2020)	Transformerless	1	7700	Optional	RS485	16/08/2021	16/08/2024
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI6000-B2	Transformerless	1	6000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI5000-B2	Transformerless	1	5000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI4600-B2	Transformerless	1	4600	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI4000-B2	Transformerless	1	4000	Optional	RS485	17/08/2021	18/12/2021



### Approved Inverters and PCEs for Solar Victoria, Western Power

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Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI3600-B2	Transformerless	1	3600	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI3000-B2	Transformerless	1	3000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI2000-B2	Transformerless	1	2000	Optional	RS485	17/08/2021	18/12/2021
Grid Connect PV Inverter	Xiamen Kehua Hengsheng Co Ltd	SPI	SPI1500-B2	Transformerless	1	1500	Optional	RS485	17/08/2021	18/12/2021
Micro Inverter	Enphase Energy New Zealand Limited	IQ7A	IQ7A-72-2-INT	Transformer	1	349	Optional	NA ? Wifi	12/08/2020	18/12/2021
Multimode Inverter (GC+OG Modes)	Jiangsu GoodWe Power Supply Technology Co Ltd	HSB	GEH10-1U-10	Transformerless	1	10000	Optional	RS485	26/02/2021	18/12/2021
Multimode Inverter (GC+OG Modes)	Jiangsu GoodWe Power Supply Technology Co Ltd	HSB	GEH8.6-1U-10	Transformerless	1	8600	Optional	RS485	26/02/2021	18/12/2021
Multimode Inverter (GC+OG Modes)	Jiangsu GoodWe Power Supply Technology Co Ltd	HSB	GEH5.0-1U-10	Transformerless	1	5000	Optional	RS485	26/02/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Alpha ESS Co Ltd	SMILE-B3-PLUS	SMILE-B3-PLUS	Transformerless	1	3000	Optional	RS485; CAN	20/09/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Alpha ESS Co Ltd	SMILE-B3-PLUS	SMILE-B3-PLUS IV	Transformerless	1	3000	Optional	RS485; CAN	20/09/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Alpha ESS Co Ltd	SMILE-B3-PLUS	SMILE-B3-PLUS V	Transformerless	1	3000	Optional	RS485; CAN	20/09/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Alpha ESS Co Ltd	SMILE-B3-PLUS	SMILE-B3-PLUS II	Transformerless	1	3000	Optional	RS485; CAN	20/09/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Alpha ESS Co Ltd	SMILE-B3-PLUS	SMILE-B3-PLUS III	Transformerless	1	3000	Optional	RS485; CAN	20/09/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Alpha ESS Co Ltd	SMILE-B3-PLUS	SMILE-B3-PLUS VI	Transformerless	1	3000	Optional	RS485; CAN	20/09/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Eguana Technologies Inc	Evolve	ACB05-LP	Transformer	1	5000	Inbuilt	Ethernet	23/11/2018	23/11/2021
Multiple Mode Inverter - Battery Only	Enertek Holdings Pty Ltd	Homepower	HP-6M/1S	Transformer	1	3600	Inbuilt	RS485; CAN	6/11/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Enertek Holdings Pty Ltd	Homepower	HP-6M/2S	Transformer	1	3600	Inbuilt	RS485; CAN	6/11/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Enertek Holdings Pty Ltd	Homepower	HP-6M/3S	Transformer	1	3600	Inbuilt	RS485; CAN	6/11/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Enertek Holdings Pty Ltd	Homepower	HP-6M	Transformer	1	3600	Inbuilt	RS485; CAN	6/11/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Jiangsu GoodWe Power Supply Technology Co Ltd	SBP	GW3600S-BP	Transformerless	1	3680	Optional	RS485; CAN	27/01/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Jiangsu GoodWe Power Supply Technology Co Ltd	SBP	GW5000S-BP	Transformerless	1	5000	Optional	RS485; CAN	27/01/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Jiangsu Weiheng Intelligent Technology Co Ltd	COPIA	WH-SPA3.68H	Transformerless	1	3680	Inbuilt	RS485; CAN	11/08/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Jiangsu Weiheng Intelligent Technology Co Ltd	COPIA	WH-SPA5.0H	Transformerless	1	5000	Inbuilt	RS485; CAN	11/08/2021	18/12/2021
Multiple Mode Inverter - Battery Only	JMHing Power Ltd	GivEnergy	Giv-AC3.0	Transformerless	1	3000	Optional	RS485	5/10/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Redback Operations Pty Ltd	Smart Battery	SB7200	Transformerless	1	3300	Inbuilt	RJ45; RS485	20/05/2021	18/12/2021
Multiple Mode Inverter - Battery Only	SE Group Limited	DUREB2	DUR-EB2-1P-050-6B24	Transformerless	1	5000	Inbuilt	USB; RS485; Ethernet	7/04/2021	18/12/2021
Multiple Mode Inverter - Battery Only	SE Group Limited	DUREB2	DUR-EB2-1P-050-5B24	Transformerless	1	5000	Inbuilt	USB; RS485; Ethernet	7/04/2021	18/12/2021
Multiple Mode Inverter - Battery Only	SE Group Limited	DUREB2	DUR-EB2-1P-050-4B24	Transformerless	1	4000	Inbuilt	USB; RS485; Ethernet	7/04/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPMC241-AU	Transformer	1	4500	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPMC481-AU	Transformer	1	5000	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPMC1201	Transformer	1	7500	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPLC1202	Transformer	1	20000	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPMC482-AU	Transformer	1	7500	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPMC240-AU	Transformer	1	3000	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPMC480-AU	Transformer	1	3500	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Selectronic Australia	SP PRO	SPLC1200	Transformer	1	15000	Optional	USB; RS232	14/03/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	SPA 1000TL BL	Transformer	1	1000	Optional	USB; RS232	22/03/2019	18/12/2021
Multiple Mode Inverter - Battery Only	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	SPA 2000TL BL	Transformer	1	2000	Optional	USB; RS232	22/03/2019	18/12/2021
Multiple Mode Inverter - Battery Only	Shenzhen Growatt New Energy Technology Co Ltd	Growatt	SPA 3000TL BL	Transformer	1	3000	Optional	USB; RS232	22/03/2019	18/12/2021

### Approved Inverters and PCEs for Solar Victoria, Western Power

This list includes approved products which have shown compliance to extra requirements including  
Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Multiple Mode Inverter - Battery Only	Shenzhen SOFARSOLAR Co Ltd	ME 3000SP	ME 3000SP	Transformer	1	3000	Optional	RS485	3/06/2021	8/12/2021
Multiple Mode Inverter - Battery Only	Solar Bos Pty Ltd	Energy Vault	AS1-3KS-5.1	Transformer	1	3000	Inbuilt	RS232	28/07/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Solar Bos Pty Ltd	Energy Vault	AS1-3KS-10.2	Transformer	1	3000	Inbuilt	RS232	28/07/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Solar Bos Pty Ltd	Energy Vault	AS1-3KS-15.3	Transformer	1	3000	Inbuilt	RS232	28/07/2020	18/12/2021
Multiple Mode Inverter - Battery Only	Solar Bos Pty Ltd	Energy Vault	AS1-3KS-20.4	Transformer	1	3000	Inbuilt	RS232	28/07/2020	18/12/2021
Multiple Mode Inverter - Battery Only	SolaX Power Network Technology Zhejiang Co Ltd	X1-Fit	X1-Fit-3.7-I	Transformerless	1	3680	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Multiple Mode Inverter - Battery Only	SolaX Power Network Technology Zhejiang Co Ltd	X1-Fit	X1-Fit-5.0-I	Transformerless	1	4999	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Multiple Mode Inverter - Battery Only	SolaX Power Network Technology Zhejiang Co Ltd	X1-Fit	X1-Fit-4.6-I	Transformerless	1	4600	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Multiple Mode Inverter - Battery Only	SolaX Power Network Technology Zhejiang Co Ltd	X3-Fit	X3-Fit-8.0E	Transformerless	3	8000	Optional	RS485; CAN	10/01/2021	18/12/2021
Multiple Mode Inverter - Battery Only	SolaX Power Network Technology Zhejiang Co Ltd	X3-Fit	X3-Fit-10.0E	Transformerless	3	10000	Optional	RS485; CAN	10/01/2021	18/12/2021
Multiple Mode Inverter - Battery Only	Tesla Motors Australia Pty Ltd	Tesla	AC Powerwall	Transformerless	1	5000	Inbuilt		23/08/2017	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-3.6-TL + 1REACT2-BATT	Transformerless	1	3600	Inbuilt	RJ45; Ethernet	10/09/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-3.6-TL + 2REACT2-BATT	Transformerless	1	3600	Inbuilt	RJ45; Ethernet	10/09/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-3.6-TL + 3REACT2-BATT	Transformerless	1	3600	Inbuilt	RJ45; Ethernet	10/09/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-5.0-TL + 1REACT2-BATT	Transformerless	1	5000	Inbuilt	RJ45; Ethernet	10/09/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-5.0-TL + 2REACT2-BATT	Transformerless	1	5000	Inbuilt	RJ45; Ethernet	10/09/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-5.0-TL + 3REACT2-BATT	Transformerless	1	5000	Inbuilt	RJ45; Ethernet	10/09/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-5.0-TL	Transformerless	1	5000	Inbuilt	RJ45; Ethernet	17/04/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	(ABB) Power-One Italy S.p.A	REACT2	REACT2-UNO-3.6-TL	Transformerless	1	3600	Inbuilt	RJ45; Ethernet	17/04/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Alpha ESS Co Ltd	Energy Storage Inverter	SMILE5-INV	Transformerless	1	4600	Optional	RS485	26/09/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Alpha ESS Co Ltd	SMILE-S5-HV	SMILE-S5-HV-INV	Transformerless	1	5000	Optional	RS485; CAN	13/09/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Alpha ESS Co Ltd	SMILE-S6-HV	SMILE-S6-HV-INV	Transformerless	1	6000	Optional	RS485; CAN	13/09/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Fronius Primo GEN24 Plus	Primo GEN24 3.0 Plus	Transformerless	1	3000	Inbuilt	USB; RS485; Ethernet	20/12/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Fronius Primo GEN24 Plus	Primo GEN24 3.6 Plus	Transformerless	1	3680	Inbuilt	USB; RS485; Ethernet	20/12/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Fronius Primo GEN24 Plus	Primo GEN24 4.0 Plus	Transformerless	1	4000	Inbuilt	USB; RS485; Ethernet	20/12/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Fronius Primo GEN24 Plus	Primo GEN24 4.6 Plus	Transformerless	1	4600	Inbuilt	USB; RS485; Ethernet	20/12/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Fronius Primo GEN24 Plus	Primo GEN24 5.0 Plus	Transformerless	1	5000	Inbuilt	USB; RS485; Ethernet	20/12/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Fronius Primo GEN24 Plus	Primo GEN24 6.0 Plus	Transformerless	1	6000	Inbuilt	USB; RS485; Ethernet	20/12/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Symo Hybrid	Symo Hybrid 3.0-3-S	Transformerless	3	3000	Inbuilt	USB; Ethernet	12/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Symo Hybrid	Symo Hybrid 4.0-3-S	Transformerless	3	4000	Inbuilt	USB; Ethernet	12/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Fronius Australia	Symo Hybrid	Symo Hybrid 5.0-3-S	Transformerless	3	5000	Inbuilt	USB; Ethernet	12/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-5K-48ES-5G	Transformerless	1	5000	Optional	RS485; CAN	9/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-4.6K-48ES-5G	Transformerless	1	4600	Optional	RS485; CAN	9/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-3.6K-48ES-5G	Transformerless	1	3600	Optional	RS485; CAN	9/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-3K-48ES-5G	Transformerless	1	3000	Optional	RS485; CAN	9/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-6K-48ES-5G	Transformerless	1	6000	Optional	RS485; CAN	9/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-3P5K-HVES-5G	Transformerless	3	5000	Optional	RS485; CAN	23/04/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-3P10K-HVES-5G	Transformerless	3	10000	Optional	RS485; CAN	23/04/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-3P6K-HVES-5G	Transformerless	3	6000	Optional	RS485; CAN	23/04/2021	18/12/2021

**Approved Inverters and PCEs for Solar Victoria, Western Power**

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Volt-watt, volt-var, IEC 62116, VDRT

Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Multiple Mode Inverter - PV and Battery	Ginlong Technologies Co Ltd	5G	RHI-3P8K-HVES-5G	Transformerless	3	8000	Optional	RS485; CAN	23/04/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Global Tech China Limited	SUNSYNK	SUNSYNK-5K-SG03LP1	Transformerless	1	5000	Optional	RS485	26/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Hanwha Solutions Corporation	Q.HOME+ ESS HYB G2	Q.VOLT G2 HYB-5kW.1.1	Transformerless	1	5000	Inbuilt	RS485; CAN	19/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	EH	GW6000-EH	Transformerless	1	6000	Inbuilt	RS485; CAN	16/08/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	EH	GW5000-EH	Transformerless	1	5000	Inbuilt	RS485; CAN	16/08/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	EH	GW3600-EH	Transformerless	1	3600	Inbuilt	RS485; CAN	16/08/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	ET	GW5KL-ET	Transformerless	3	5000	Inbuilt	RS485	11/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	ET	GW6KL-ET	Transformerless	3	6000	Inbuilt	RS485	11/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	ET	GW8KL-ET	Transformerless	3	8000	Inbuilt	RS485	11/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	ET	GW10KL-ET	Transformerless	3	10000	Inbuilt	RS485	11/08/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	ES	GW5048D-ES	Transformerless	1	4600	Optional	RS485; CAN	21/08/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	ES	GW3648D-ES	Transformerless	1	3680	Optional	RS485; CAN	21/08/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	ES	GW5048D-ES (AS4777-2 2020)	Transformerless	1	5000	Optional	RS485	25/09/2021	25/09/2024
Multiple Mode Inverter - PV and Battery	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO LTD	ES	GW3648D-ES (AS4777-2 2020)	Transformerless	1	3680	Optional	RS485	25/09/2021	25/09/2024
Multiple Mode Inverter - PV and Battery	LG Energy Solution Ltd	ES	LGES-5048 (AS4777-2 2020)	Transformerless	1	5000	Optional	RS485	6/10/2021	6/10/2024
Multiple Mode Inverter - PV and Battery	NINGBO DEYE INVERTER TECHNOLOGY CO LTD	Hybrid Inverter	SUN-5K-SG03LP1-EU	Transformerless	1	5000	Optional	RS485; CAN	2/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	NINGBO DEYE INVERTER TECHNOLOGY CO LTD	Hybrid Inverter	SUN-3.6K-SG03LP1-EU	Transformerless	1	3600	Optional	RS485; CAN	2/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Redback Operations Pty Ltd	NA	ST10000	Transformerless	3	10000	Inbuilt	RJ45	26/07/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-503	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/10/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-506	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/10/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-509	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/10/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-512	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/10/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-524	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/10/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-518	Transformerless	1	5000	Inbuilt	RS485; Ethernet	21/10/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-321	Transformerless	3	10000	Inbuilt	RS485; CAN	19/07/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-325	Transformerless	3	10000	Inbuilt	RS485; CAN	19/07/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-318	Transformerless	3	10000	Inbuilt	RS485; CAN	19/07/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-332	Transformerless	3	10000	Inbuilt	RS485; CAN	19/07/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-300	Transformerless	3	10000	Inbuilt	RS485; CAN	19/07/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	RedEarth Energy Storage Pty Ltd	SunRise	SRS-328	Transformerless	3	10000	Inbuilt	RS485; CAN	19/07/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Renac Power Technology Co Ltd	ESC	ESC5000-DS	Transformerless	1	4600	Inbuilt		7/05/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Renac Power Technology Co Ltd	ESC	ESC3680-DS	Transformerless	1	3680	Inbuilt		7/05/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Renac Power Technology Co Ltd	ESC	ESC3000-DS	Transformerless	1	3000	Inbuilt		7/05/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	SPH 6000TL BL-UP (AS4777-2 2020)	Transformerless	1	6000	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	SPH 3000TL BL-UP (AS4777-2 2020)	Transformerless	1	3000	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	SPH 5000TL BL-UP (AS4777-2 2020)	Transformerless	1	5000	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	SPH 4600TL BL-UP (AS4777-2 2020)	Transformerless	1	4600	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	Growatt SPH4000 (AS4777-2 2020)	Transformerless	1	4000	Inbuilt	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	SPH 4000TL BL-UP (AS4777-2 2020)	Transformerless	1	4000	Optional	USB; RS485	30/08/2021	30/08/2024

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Equipment Category	Manufacturer / Certificate Holder	Series	Model Number	Topology	No of Phases	Rated Apparent AC Power (VA per port)	Internet Connectivity	Onboard Comms Port	Approved Date	Expiry Date
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	SPH 3600TL BL-UP (AS4777-2 2020)	Transformerless	1	3680	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	Growatt SPH6000 (AS4777-2 2020)	Transformerless	1	6000	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	Growatt SPH5000 (AS4777-2 2020)	Transformerless	1	5000	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Co Ltd	SPH	Growatt SPH3000 (AS4777-2 2020)	Transformerless	1	3000	Optional	USB; RS485	30/08/2021	30/08/2024
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	hybrid inverter	Growatt SPH3000	Transformerless	1	3000	Optional	USB; RJ45; RS232	25/05/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	hybrid inverter	Growatt SPH6000	Transformerless	1	6000	Optional	USB; RJ45; RS232	25/05/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	hybrid inverter	Growatt SPH3600	Transformerless	1	3680	Optional	USB; RJ45; RS232	25/05/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	hybrid inverter	Growatt SPH5000	Transformerless	1	4999	Optional	USB; RJ45; RS232	25/05/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	hybrid inverter	Growatt SPH4000	Transformerless	1	4000	Optional	USB; RJ45; RS232	25/05/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen Growatt New Energy Technology Co Ltd	hybrid inverter	Growatt SPH4600	Transformerless	1	4600	Optional	USB; RJ45; RS232	25/05/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	ShenZhen Lux Power Technology Co Ltd	Hybrid LXP 3-5K	LXP-4.6K Hybrid	Transformerless	1	4600	Optional	RJ45	21/09/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	ShenZhen Lux Power Technology Co Ltd	Hybrid LXP 3-5K	LXP-4K Hybrid	Transformerless	1	4000	Optional	RJ45	21/09/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	ShenZhen Lux Power Technology Co Ltd	Hybrid LXP 3-5K	LXP-3K Hybrid	Transformerless	1	3000	Optional	RJ45	21/09/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	ShenZhen Lux Power Technology Co Ltd	Hybrid LXP 3-5K	LXP-5K Hybrid	Transformerless	1	5000	Optional	RJ45	21/09/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen SOFARSOLAR Co Ltd	HYD	HYD 5KTL-3PH	Transformerless	3	5000	Optional	RJ45; RS485	14/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen SOFARSOLAR Co Ltd	HYD	HYD 6KTL-3PH	Transformerless	3	6000	Optional	RJ45; RS485	14/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen SOFARSOLAR Co Ltd	HYD	HYD 8KTL-3PH	Transformerless	3	8000	Optional	RJ45; RS485	14/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen SOFARSOLAR Co Ltd	HYD	HYD 10KTL-3PH	Transformerless	3	10000	Optional	RJ45; RS485	14/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen SOFARSOLAR Co Ltd	HYD	HYD 15KTL-3PH	Transformerless	3	15000	Optional	RJ45; RS485	14/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Shenzhen SOFARSOLAR Co Ltd	HYD	HYD 20KTL-3PH	Transformerless	3	20000	Optional	RJ45; RS485	14/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	SolarEdge Technologies Ltd	StorEdge Single Phase Inverter	SE5000-AUS	Transformerless	1	5000	Inbuilt	RS485; Ethernet	3/12/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-8.0-N-E	Transformerless	3	8000	Optional	RS485; CAN	10/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X1-Hybrid	X1-Hybrid-5.0-N-I	Transformerless	1	4999	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X1-Hybrid	X1-Hybrid-3.0-N-I	Transformerless	1	3000	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X1-Hybrid	X1-Hybrid-3.7-N-I	Transformerless	1	3680	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X1-Hybrid	X1-Hybrid-4.6-N-I	Transformerless	1	4600	Optional	RJ45; Ethernet	14/11/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-5.0-N-E	Transformerless	3	5000	Optional	RS485; CAN	10/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-6.0-N-E	Transformerless	3	6000	Optional	RS485; CAN	10/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	SolaX Power Network Technology Zhejiang Co Ltd	X3-Hybrid	X3-Hybrid-10.0-N-E	Transformerless	3	10000	Optional	RS485; CAN	10/01/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Sungrow Power Supply Co Ltd	Residential	SH5K-30	Transformerless	1	4990	Inbuilt	RJ45; Ethernet	5/11/2019	18/12/2021
Multiple Mode Inverter - PV and Battery	Sungrow Power Supply Co Ltd	Residential	SH5.0RT	Transformerless	3	5000	Inbuilt	RJ45; RS485; CAN	23/07/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Sungrow Power Supply Co Ltd	Residential	SH8.0RT	Transformerless	3	8000	Inbuilt	RJ45; RS485; CAN	23/07/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Sungrow Power Supply Co Ltd	Residential	SH10RT	Transformerless	3	10000	Inbuilt	RJ45; RS485; CAN; Ethernet	23/07/2020	18/12/2021
Multiple Mode Inverter - PV and Battery	Sungrow Power Supply Co Ltd	Sun Access	SH5K-20	Transformerless	1	5000	Inbuilt	USB; CAN; Ethernet	27/02/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Sungrow Power Supply Co Ltd	Residential	SH5.0RS	Transformerless	1	4999	Optional	RS485; CAN	17/08/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	Sungrow Power Supply Co Ltd	Residential	SH6.0RS	Transformerless	1	6000	Optional	RS485; CAN	17/08/2021	18/12/2021
Multiple Mode Inverter - PV and Battery	The Trustee for Soltaro Unit Trust	AIO2	AIO2-INS-5000	Transformerless	1	5000	Optional	RS485; CAN	25/02/2021	18/12/2021
UPS Multiple Mode Inverter - Battery Only	Alpha ESS Co Ltd	Storion-SMILE	Storion-SMILE-B3	Transformer	1	3000	Inbuilt	Ethernet	16/01/2019	18/12/2021
UPS Multiple Mode Inverter - PV and Battery	Jiangsu GoodWe Power Supply Technology Co Ltd	EM	GW5048-EM	Transformerless	1	5000	Inbuilt	RS485; CAN	22/06/2017	18/12/2021

