

# Compliant inverters

June 2019

This is a list of AS 4777 and AS/NZS 4777.2:2015 compliant inverters that are pre-approved for connection to the Orion network. If your chosen inverter is not on this list, please supply specifications and AS 4777 certification with application. We will aim to update this list quarterly.

Model	Expiry Date	Compliant
<b>ABB</b>		
PVI-5000-TL-OUTD	18 November 2019	
PVI-5000-TL-OUTD-S	18 November 2019	
PVI-5000-TL-OUTD-W	18 November 2019	
PVI-6.0-TL-OUTD	3 July 2020	
PVI-8.0-TL-OUTD	3 July 2020	
PVI-10.0-TL-OUTD	3 July 2020	
PVI-11.0-TL-OUTD	3 July 2020	
PVI-12.5-TL-OUTD	3 July 2020	
PVI-13.8-TL-OUTD	3 July 2020	
<b>Alpha ESS</b>		
SMILES-INV-04	14 August 2022	AS/NZS 4777.2:2015
SMILES-INV	14 August 2022	AS/NZS 4777.2:2015
<b>APS</b>		
Y600	23 May 2022	AS/NZS 4777.2:2015
<b>Delta</b>		
RPI M6A	22 July 2019	
RPI M8A	22 July 2019	
RPI M10A	22 July 2019	
<b>EnaSolar</b>		
MicroMAX MAX3KWPV	25 September 2022	AS/NZS 4777.2:2015
1.5KWGT-AUNZ	15 November 2021	AS/NZS 4777.2:2015
2KWGT-AUNZ	15 November 2021	AS/NZS 4777.2:2015
3KWGT-AUNZ	15 November 2021	AS/NZS 4777.2:2015
3.8KWGT-AUNZ	15 November 2021	AS/NZS 4777.2:2015
4KWGT-AUNZ	15 November 2021	AS/NZS 4777.2:2015
5KWGT-AU4.6	15 November 2021	AS/NZS 4777.2:2015
5KWGT-AUNZ	15 November 2021	AS/NZS 4777.2:2015
<b>Enphase</b>		
S230	9 November 2020	
S270	9 November 2020	
IQ7PLUS-72-2-INT	20 December 2022	
IQ7PLUS-72-5-INT	20 December 2022	
IQ77PLUS-ACM-INT	20 December 2022	
IQ7-60-2-INT	20 December 2022	
IQ7-60-5-INT	20 December 2022	
IQ7-ICM-INT	20 December 2022	

Model	Expiry Date	Compliant
<b>Fronius</b>		
Eco 25.0-3-S	27 August 2020	AS/NZS 4777.2:2015
Eco 27.0-3-S	27 August 2020	AS/NZS 4777.2:2015
Primo 3.0-1	6 May 2020	AS/NZS 4777.2:2015
Primo 3.5-1	6 May 2020	AS/NZS 4777.2:2015
Primo 3.6-1	6 May 2020	AS/NZS 4777.2:2015
Primo 4.0-1	6 May 2020	AS/NZS 4777.2:2015
Primo 4.6-1	6 May 2020	AS/NZS 4777.2:2015
Primo 5.0-1 AUS	6 May 2020	AS/NZS 4777.2:2015
Primo 5.0-1	6 May 2020	AS/NZS 4777.2:2015
Primo 6.0-1	6 May 2020	AS/NZS 4777.2:2015
Primo 8.2-1	6 May 2020	AS/NZS 4777.2:2015
SYMO 10.0-3-M	6 October 2021	AS/NZS 4777.2:2015
SYMO 12.5-3-M	6 October 2021	AS/NZS 4777.2:2015
SYMO 15.0-3-M	6 October 2021	AS/NZS 4777.2:2015
SYMO 17.5-3-M	6 October 2021	AS/NZS 4777.2:2015
SYMO 20.0-3-M	6 October 2021	AS/NZS 4777.2:2015
ECO 27.0-3-S	27 August 2020	AS/NZS 4777.2:2015
ECO 25.0-3-S	27 August 2020	AS/NZS 4777.2:2015
<b>Giant Power</b>		
IGS-3000WM	23 January 2020	
<b>GoodWe</b>		
GW1000-NS	24 August 2021	
GW1500-NS	24 August 2021	
GW2000-NS	24 August 2021	
GW2500-NS	24 August 2021	
GW3000-NS	24 August 2021	
<b>Growatt</b>		
Growatt 30000TL3-S	19 October 2021	AS/NZS 4777.2:2015
Growatt 30000TL3-SE	19 October 2021	AS/NZS 4777.2:2015
Growatt 33000TL3-S	19 October 2021	AS/NZS 4777.2:2015
Growatt 33000TL3-SE	19 October 2021	AS/NZS 4777.2:2015
Growatt 40000TL3-NS	19 October 2021	AS/NZS 4777.2:2015
Growatt 40000TL3-NSE	19 October 2021	AS/NZS 4777.2:2015
Growatt 50000TL3-S	19 October 2021	AS/NZS 4777.2:2015
Growatt 2500MTL-S	15 May 2020	
Growatt 3000MTL-S	15 May 2020	
Growatt 3600MTL-S	15 May 2020	
Growatt 4200MTL-S	15 May 2020	
Growatt 5000MTL-S	15 May 2020	
Growatt 5500MTL-S	15 May 2020	
<b>Holymiles</b>		
MI-500	13 February 2020	AS/NZS 4777.2:2015
<b>INVT</b>		
iMars MG5KTL-2M	16 December 2020	AS/NZS 4777.2:2015
<b>Mass Energy</b>		

Model	Expiry Date	Compliant
SOFAR 3000TLM	5 September 2021	
SOFAR 1600TL	5 September 2021	
SOFAR 2200TL	5 September 2021	
SOFAR 2700TL	5 September 2021	
SOFAR 3000TL	5 September 2021	
SOFAR 3000TLM	30 September 2019	
SOFAR 3680TLM	30 September 2019	
SOFAR 4000TLM	30 September 2019	
SOFAR 4600TLM	30 September 2019	
SOFAR 5000TLM	30 September 2019	
<b>NEP</b>		
BDM-300X2-AU	4 November 2020	
LJ-SK84A	23 July 2020	Panasonic (Integrated battery storage)
<b>Power-One (ABB)</b>		
PVI-3.0-OUTD-S	18 November 2019	
PVI-3.0-OUTD	18 November 2019	
PVI-3.0-OUTD-W	18 November 2019	
PVI-3.6-OUTD-S	18 November 2019	
<b>Redback</b>		
SH 4600	15 October 2020	AS/NZS 4777.2:2015
SH 5000	26 July 2022	AS/NZS 4777.2:2015
PVI-3.6-OUTD	18 November 2019	
PVI-3.6-OUTD-W	18 November 2019	
PVI-4.2-OUTD-S	18 November 2019	
PVI-4.2-OUTD	18 November 2019	
PVI-4.2-OUTD-W	18 November 2019	
SB 1.5-1VL-40	6 October 2021	AS/NZS 4777.2:2015
SB 2.5-1VL-40	6 October 2021	AS/NZS 4777.2:2015
SB 3-1VL-40	6 October 2021	AS/NZS 4777.2:2015
SB 3.6-1VL-40	6 October 2021	AS/NZS 4777.2:2015
SB 4.0-1VL-40	6 October 2021	AS/NZS 4777.2:2015
SB 5.0-1VL-40	6 October 2021	AS/NZS 4777.2:2015
<b>SMA</b>		
STP 25000TL-30	29 October 2019	
STP 10000TL-10	27 August 2020	
STP 12000TL-10	27 August 2020	
STP 15000TLEE-10	27 August 2020	
STP 15000TL-10	27 August 2020	
STP 17000TL-10	27 August 2020	
STP 20000TLEE-10	27 August 2020	
STP10000TL-20	15 September 2021	
STP12000TL-20	15 September 2021	
STP5000TL-20	15 September 2021	
STP6000TL-20	15 September 2021	
STP7000TL-20	15 September 2021	

Model	Expiry Date	Compliant
STP8000TL-20	15 September 2021	
STP9000TL-20	15 September 2021	
WB 3000TL-21	19 August 2020	
WB 3600TL-21	19 August 2020	
WB 4000TL-21	19 August 2020	
WB 5000TL-21	19 August 2020	
STP 50-40	8 December 2022	AS/NZS 4777.2:2015
<b>SolarEdge</b>		
SE2200H	12 October 2021	AS/NZS 4777.2:2015
SE3000H	12 October 2021	AS/NZS 4777.2:2015
SE3500H	12 October 2021	AS/NZS 4777.2:2015
SE3680H	12 October 2021	AS/NZS 4777.2:2015
SE4000H	12 October 2021	AS/NZS 4777.2:2015
SE5000H	12 October 2021	AS/NZS 4777.2:2015
SE6000H	12 October 2021	AS/NZS 4777.2:2015
SE5K	26 October 2021	AS/NZS 4777.2:2015
SE6K	26 October 2021	AS/NZS 4777.2:2015
SE7K	26 October 2021	AS/NZS 4777.2:2015
SE8K	26 October 2021	AS/NZS 4777.2:2015
SE9K	26 October 2021	AS/NZS 4777.2:2015
SE10K	26 October 2021	AS/NZS 4777.2:2015
SE12.5K	26 October 2021	AS/NZS 4777.2:2015
SE15K	26 October 2021	AS/NZS 4777.2:2015
SE16K	26 October 2021	AS/NZS 4777.2:2015
SE17K	26 October 2021	AS/NZS 4777.2:2015
<b>Solax</b>		
SK-3000E-S	4 August 2021	AS/NZS 4777.2:2015
SK-3000C-S	4 August 2021	AS/NZS 4777.2:2015
SK-TL3000E-S	4 August 2021	AS/NZS 4777.2:2015
SK-TL3000C-S	4 August 2021	AS/NZS 4777.2:2015
SK-TL3000R-S	4 August 2021	AS/NZS 4777.2:2015
SK-SU 3000	15 June 2021	AS/NZS 4777.2:2015
SK-SU 3700	15 June 2021	AS/NZS 4777.2:2015
SK-SU 5000	15 June 2021	AS/NZS 4777.2:2015
SK-BMU 1300	15 June 2021	AS/NZS 4777.2:2015
SK-BMU 1300R	15 June 2021	AS/NZS 4777.2:2015
SK-BMU 1300II	15 June 2021	AS/NZS 4777.2:2015
SK-BMU 2500	15 June 2021	AS/NZS 4777.2:2015
SK-BMU 2500R	15 June 2021	AS/NZS 4777.2:2015
SK-BMU 5000	15 June 2021	AS/NZS 4777.2:2015
SK-BMU 5000R	15 June 2021	AS/NZS 4777.2:2015
X1-1.1-S-D	5 September 2021	AS/NZS 4777.2:2015
X1-1.1-S-N	5 September 2021	AS/NZS 4777.2:2015
X1-1.5-S-D	5 September 2021	AS/NZS 4777.2:2015

Model	Expiry Date	Compliant
X1-1.5-S-N	5 September 2021	AS/NZS 4777.2:2015
X1-2.0-S-D	5 September 2021	AS/NZS 4777.2:2015
X1-2.0-S-N	5 September 2021	AS/NZS 4777.2:2015
X1-2.5-S-D	5 September 2021	AS/NZS 4777.2:2015
X1-2.5-S-N	5 September 2021	AS/NZS 4777.2:2015
X1-3.0-S-D	5 September 2021	AS/NZS 4777.2:2015
X1-3.0-S-N	5 September 2021	AS/NZS 4777.2:2015
X1-3.0-T-D	5 September 2021	AS/NZS 4777.2:2015
X1-3.0-T-N	5 September 2021	AS/NZS 4777.2:2015
X1-3.3-T-D	5 September 2021	AS/NZS 4777.2:2015
X1-3.3-S-D	5 September 2021	AS/NZS 4777.2:2015
X1-3.3-S-N	5 September 2021	AS/NZS 4777.2:2015
X1-3.3-T-N	5 September 2021	AS/NZS 4777.2:2015
X1-3.3-T-T	5 September 2021	AS/NZS 4777.2:2015
X1-3.6-T-D	5 September 2021	AS/NZS 4777.2:2015
X1-3.6-T-N	5 September 2021	AS/NZS 4777.2:2015
X1-4.2-T-D	5 September 2021	AS/NZS 4777.2:2015
X1-4.2-T-N	5 September 2021	AS/NZS 4777.2:2015
X1-4.6-T-D	5 September 2021	AS/NZS 4777.2:2015
X1-4.6-T-N	5 September 2021	AS/NZS 4777.2:2015
X1-5.0-T-D	5 September 2021	AS/NZS 4777.2:2015
X1-5.0-T-N	5 September 2021	AS/NZS 4777.2:2015
X3 ZDNY-TL10000	3 September 2022	AS/NZS 4777.2:2015
X3 ZDNY-TL12000	3 September 2022	AS/NZS 4777.2:2015
X3 ZDNY-TL15000	3 September 2022	AS/NZS 4777.2:2015
X3 ZDNY-TL70000	3 September 2022	AS/NZS 4777.2:2015
X3 ZDNY-TL20000	3 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.0-D-E	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.7-D-E	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-4.6-D-E	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-5.0-D-E	18 October 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.0-D-I	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.7-D-I	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-4.6-D-I	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-5.0-D-I	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.0-D-C	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.7-D-C	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-4.6-D-C	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-5.0-D-C	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-5.0-N-E	18 October 2022	AS/NZS 4777.2:2015
X1-HYBRID-4.6-N-E	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.7-N-E	18 October 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.0-N-E	18 October 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.0-N-I	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.7-N-I	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-4.6-N-I	18 September 2022	AS/NZS 4777.2:2015

X1-HYBRID-5.0-N-I	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.0-N-C	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-3.7-N-C	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-4.6-N-C	18 September 2022	AS/NZS 4777.2:2015
X1-HYBRID-5.0-N-C	18 September 2022	AS/NZS 4777.2:2015
X1-FIT-5.0E	18 October 2022	AS/NZS 4777.2:2015
X1-FIT-5.0C	18 September 2022	AS/NZS 4777.2:2015
X1-FIT-5.0I	18 September 2022	AS/NZS 4777.2:2015
X1-FIT-4.6E	18 September 2022	AS/NZS 4777.2:2015
X1-FIT-4.6C	18 September 2022	AS/NZS 4777.2:2015
X1-FIT-4.6I	18 September 2022	AS/NZS 4777.2:2015
X1-FIT-3.7E	18 October 2022	AS/NZS 4777.2:2015
X1-FIT-3.7C	18 September 2022	AS/NZS 4777.2:2015
X1-FIT-3.7I	18 September 2022	AS/NZS 4777.2:2015
<b>Solis</b>		
<b>Solis-1P5K-4G</b>	<b>19 October 2021</b>	<b>AS/NZS 4777.2:2015</b>
<b>Sungrow</b>		
SG2K5TL-S	04 September 2019	
SG2KTL-S	16 February 2020	
SG3K5TL-S	04 September 2019	
SG3K6TL-D	13 February 2020	
SG3K6TL-S	16 February 2020	
SG8KLT-EC	13 April 2020	
SG8KLT-EC	13 April 2020	
SG12KLT-EC	13 April 2020	
<b>Suntelite</b>		
SG3KTL-D	13 February 2020	
SG3KTL-S	04 September 2019	
SG4K6TL-D	13 February 2020	
SG4KTL-S	04 September 2019	
SG5KTL-D	13 February 2020	
<b>Zeversolar</b>		
Evershine TLC4000	23 June 2019	
Evershine TLC5000	23 June 2019	
Evershine TLC6000	23 June 2019	
Evershine TLC8000	23 June 2019	
Evershine TLC10000	23 June 2019	
Zevelution 1000S	8 July 2020	
Zevelution 1500S	8 July 2020	
Zevelution 2000S	8 July 2020	
Zevelution 2000S	8 July 2020	
Zevelution 3680	1 September 2021	AS/NZS 4777.2:2015
Zevelution 4000	1 September 2021	AS/NZS 4777.2:2015
Zevelution 5000	1 September 2021	AS/NZS 4777.2:2015



Orion New Zealand Limited  
565 Wairakei Road

PO Box 13896  
Christchurch 8141

+64 3 363 9898