

Take a closer look at a New Zealand-made solar inverter...

Heat Sink

- Fin design for maximum cooling
- No noisy fans
- Fully washable and easy to clean

Inverter Housing/ Wall-Mount

- Suitable for indoor or outdoor use
- Unique thermal protection characteristics

AS/NZS
4777.2:2015
COMPLIANT

7 Cable Access Points

- Easy access for AC and DC cable entry
- Installers love it!

External Wi-Fi Configuration Port

- Connector for easy router set-up

LED Indicators

- Lets you know all is ok

LCD Display

- 4 layered
- Easy-to-read
- Soft tap control, no moving parts

Web-Server Technology

- Built-in as standard
- Free home solar reporting

Unique Inverter Module Design

- Select an inverter size that's right for you
- Adding additional panels is made easy

Kraus and Naimer Safety Switches

- Integrated DC/AC to save cost
- Lockable to OFF for increased safety

Safety Locking Mechanism

- Prevents removal of front panel
- Mechanically interlocked

Wi-Fi External Antenna

- Fitted for best Wi-Fi signal strength

... then just add panels

You get so much more | **enaSOLAR**

Specifications

DC OUTPUT	1.5kW	2.0kW	3.0kW	3.8kW	4.0kW	5.0kW
Number of Inputs:	1x (dual string) MPPT input				2x independent MPPT inputs	
Maximum Open Circuit Voltage (Voc):	500V	600V	600V	500V	600V per DC input	
DC Full Power Operating Range:	150–450V	185–500V	215–500V	245–350V	200–500V per DC input	235–500V per DC input
Operating Voltage Range (Vmpp):	120–450V	120–450V	120–500V	120–400V	120–500V per DC input	
DC Optimal Operating Voltage:	300V	350V	375V	275V	350V per DC input	
Maximum Input Current (Impp):	11.0A	12.0A	15.0A	16.5A	15.0A per DC input	
Maximum Short Circuit Current (Isc):	12.5A	13.5A	16.0A	19.0A	16.0A	
Maximum Usable Input Power (Pmax):	1640Wp	2200Wp	3200Wp	4000Wp	3000Wp per DC input	3500Wp per DC input
Maximum Allowable Input Power:	2250W	3000W	4500W	5000W	6000W	7000W
Reverse Polarity Protection:	Inherent crowbar diodes					
Isolation From AC Mains:	Galvanically isolated high-frequency transformer					
Earthing:	Selectable between isolated, +ve earth, -ve earth					
AC OUTPUT	1.5kW	2.0kW	3.0kW	3.8kW	4.0kW	5.0kW
Nominal Output Voltage:	230V AC single-phase					
Output Voltage Range:	202–259V AC (AU/NZ) 208–262V AC (UK)					
Output Power:	1500W	2000W	3000W	3800W 3680W (UK)	4000W	4990W 4600W (AU4.6)
Max Output Current:	7.5A	10.0A	15.0A	16.0A	18.0A	21.5A 21.0A (AU4.6)
Recommended AC Circuit Breaker Size:	16.0A		20.0A		32.0A	
Line Frequency:	50Hz					
Total Harmonic Distortion:	<5.0% at full load, nominal output voltage					
Max Efficiency:	>96.0%	>96.0%	>96.4%	>96.0%	>96.8%	>96.8%
Max Euro Efficiency:	>93.8%	>94.3%	>94.5%	>94.5%	>94.8%	>95.4%
Power Factor:	>0.98 (30–100% load)					
SYSTEM	1.5kW	2.0kW	3.0kW	3.8kW	4.0kW	5.0kW
Islanding Protection:	AS/NZS4777.2:2015					
	G83/2			G59/2		
Night-time Consumption:	<1.2W					
Operating Temperature Range:	-30°C to +50°C (full power), 40°C for 3.8kW, +70°C (derated)					
*Acoustic Noise:	<33dBa @ 1m					
Max Humidity:	100%					
Max Altitude:	2000m					
Display:	4 line x 16 character (no buttons)					
Data Interface:	Wi-Fi IEEE 802.11 (optional Ethernet RJ45) web-server built-in for EnaSolar local network monitoring and reporting					
Environmental Rating:	IP55 suitable for outdoor/wet locations					
Dimensions:	330mm x 550mm x 145mm (excluding antenna)				401mm x 600mm x 168mm (excluding antenna)	
Weight:	14kg		15kg		20kg	
Compliances:	C-Tick, CE (refer to website for full product standards matrix) AS/NZS4777.2:2015					
MODEL NUMBERS:	1.5kW	2.0kW	3.0kW	3.8kW	4.0kW	5.0kW
Wi-Fi Version:	1.5KWGT-AUNZ, 1.5KWGT-UK	2KWGT-AUNZ, 2KWGT-UK	3KWGT-AUNZ, 3KWGT-UK	3.8KWGT-AUNZ, 3.8KWGT-UK	4KWGT-AUNZ, 4KWGT-UK	5KWGT-AUNZ, 5KWGT-UK
Ethernet Version:	1.5KWGT-AUNZE, 1.5KWGT-UKE	2KWGT-AUNZE, 2KWGT-UKE	3KWGT-AUNZE, 3KWGT-UKE	3.8KWGT-AUNZE, 3.8KWGT-UKE	4KWGT-AUNZE, 4KWGT-UKE	5KWGT-AUNZE, 5KWGT-UKE

* Indication only

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