

one cool inverter.



Look at these great installer friendly features...

- DC and AC isolating switches.
- Lowest operating voltage range, starting at 120V for our 1.5kW unit. Allowing you to install with minimal panel array for the budget conscious.
- Lightest weight inverters in our range, starting at just 14kg.
- Built in Wi-Fi and stats package.
- 5 year warranty.
- Easy upgrade path to larger units, changing only the main module. Re-use the back mount, control panel and all wiring.
- Front mounted heat sink allows more airflow, easy care and cleaning.
- A more efficient design adding longer life, less call outs.

1.5kW Grid Tied Solar Inverter.

Made in New Zealand.

www.enasolar.net



ENASOLAR

EnaSolar 1.5kW Grid Tied Solar Inverter

Specifications

Input	
Maximum Open Circuit Voltage (Voc):	500V DC
MPP Operating Voltage Range (Vmpp):	120-450V DC
DC Nominal Operating Voltage:	300V DC
Maximum Input Current (Impp):	11A
Maximum Input Power (Pmax):	1640Wp
Reverse Polarity Protection:	Inherent crowbar diodes.
Isolation From AC Mains:	High frequency transformer.
Earthing:	Isolated, +ve earth, -ve earth selectable.
Output	
Nominal Output Voltage:	230V AC
Output Voltage Range:	202-259V AC
Max Output Current:	7.5A
Line Frequency:	50Hz
Total Harmonic Distortion:	<5% at full load, nominal output voltage.
Max Efficiency:	>96%
Max Euro Efficiency:	>94%
Nominal Output Power:	1500W
Maximum Output Power:	1600W
Power Factor:	>0.98
System	
Islanding Protection:	AS4777.3, G83/1
Night-time Consumption:	<1.2W
Inbuilt lightning surge protection.	
Integrated lockable DC and AC disconnect.	
Integrated wiring box with removable inverter module.	
Operating Temperature Range:	-30°C to +50°C (full power), +70°C (derated)
Acoustic Noise:	<33dBa @ 1m.
Display:	4 line x 16 character. (no buttons)
Data Interface:	Wi-Fi IEEE 802.11 with web interface.
Environmental Rating:	IP55
Mechanical:	330mm x 550mm x 145mm. (excluding antenna) 14kg
Standards:	
EN61000-6-3:	"Emission standard for residential, commercial and light industrial environments", class B
EN61000-6-1:	"Immunity for residential, commercial and light-industrial environments"
EN61000-3-2:	"Limits for harmonic current emissions"
EN61000-3-3:	"Limitations for voltage fluctuations and flicker"
EN62233:	"Electromagnetic fields for household appliances"
AS4777-2, AS4777-3:	"Grid connection of energy systems via inverters"
G83/1:	"Recommendations for small scale embedded generators"
AS/NZ3100:	"Electrical safety"
BS50178:	"Electrical safety"
C-Tick, CE:	Declarations

Distributed by:

Attach your contact
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