

# one cool inverter.



1.5/2/3kWGT-AUNZ(E)

Look at these great installer friendly features...

- DC and AC isolating switches.
- Low operating voltage range, starting at 120V, allowing you to install with minimal panel array for the budget conscious.
- Lightest weight inverters in our range start 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 and less call outs.

**1.5/2.0/3.0kW Grid Tied Solar Inverters.**

Made in New Zealand.

[www.enasolar.net](http://www.enasolar.net)



**enaSOLaR**

# EnaSolar 1.5/2.0/3.0kW Grid Tied Solar Inverters

## Specifications 1.5/2/3kWGT-AUNZ(E)

Input	1.5kW Model	2.0kW Model	3.0kW Model
Maximum Open Circuit Voltage (Voc):	500V DC	600V DC	600V DC
MPP Operating Voltage Range (Vmpp):	120-450V DC	120-450V DC	120-500V DC
DC Nominal Operating Voltage:	300V DC	350V DC	300V DC
Maximum Input Current (Impp):	11A	12A	15A
Maximum Usable Input Power (Pmax):	1640Wp	2200Wp	3200Wp
Maximum Allowable Input Power:	2250W	3000W	4500W
Reverse Polarity Protection:	Inherent crowbar diodes.	Inherent crowbar diodes.	Inherent crowbar diodes.
Isolation From AC Mains:	Galvanically isolated high frequency transformer.	Galvanically isolated high frequency transformer.	Galvanically isolated high frequency transformer.
Earthing:	Isolated, +ve earth, -ve earth selectable.	Isolated, +ve earth, -ve earth selectable.	Isolated, +ve earth, -ve earth selectable.
<b>Output</b>			
Nominal Output Voltage:	230V AC	230V AC	230V AC
Output Voltage Range:	202-259V AC	202-259V AC	202-259V AC
Max Output Current:	7.5A	10A	15A
Line Frequency:	50Hz	50Hz	50Hz
Total Harmonic Distortion:	<5% at full load, nominal output voltage.	<5% at full load, nominal output voltage.	<5% at full load, nominal output voltage.
Max Efficiency:	>96%	>96%	>96.5%
Max Euro Efficiency:	>94%	>94.5%	>94.5%
Nominal Output Power:	1500W	2000W	3000W
Maximum Output Power:	1600W	2100W	3100W
Power Factor:	>0.98	>0.98	>0.98
<b>System</b>	Inbuilt lightning surge protection. Integrated lockable DC and AC disconnect. Integrated wiring box with removable inverter module.		
Islanding Protection:	AS4777-2, AS4777-3	AS4777-2, AS4777-3	AS4777-2, AS4777-3
Night-time Consumption:	<1.2W	<1.2W	<1.2W
Operating Temperature Range:	-30°C to +50°C (full power), +70°C (derated)	-30°C to +50°C (full power), +70°C (derated)	-30°C to +50°C (at V AC nom), +70°C (derated)
Acoustic Noise:	<33dBa @ 1m.	<33dBa @ 1m.	<33dBa @ 1m.
Display:	4 line x 16 character. (no buttons)	4 line x 16 character. (no buttons)	4 line x 16 character. (no buttons)
Data Interface:	Wi-Fi IEEE 802.11 with web interface. (optional ethernet)	Wi-Fi IEEE 802.11 with web interface. (optional ethernet)	Wi-Fi IEEE 802.11 with web interface. (optional ethernet)
Environmental Rating:	IP55	IP55	IP55
Mechanical:	330mm x 550mm x 145mm. (excluding antenna) 14kg	330mm x 550mm x 145mm. (excluding antenna) 14kg	330mm x 550mm x 145mm. (excluding antenna) 15kg
<b>1.5/2.0/3.0kW Standards:</b>	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" AS/NZ3100: "Electrical safety" C-Tick, CE: Declarations		

### Distributed by:



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