

# INV-L 250W

## STAND ALONE INVERTER (WALL MOUNTABLE)



POSITIVE PROBLEM SOLVING **+ =**

The INV-L series of inverters can be specified to operate from a wide variety of DC inputs.

These compact units utilise the same technology as their larger counterparts even though the output power is relatively low at 125 to 250VA. This range features a true sinewave output which is generated by a dedicated microprocessor. Overload and short circuit protection are built in as standard. LED's are provided to show the operating status of the inverter. An alarm output signal is available in the form of voltage free contacts.

- + Short Circuit & Overload Protected**
- + With 50Hz Output Transformer**
- + True Sinewave Output**
- + Wall Mount Casing**
- + Potential Free**

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## FURTHER DETAILS

A choice of case sizes are available at each power level making the INV-L range ideal for use in locations with tight space restrictions. In all case formats these robust inverters carry a twenty-four month guarantee. The wide operating temperature range helps to ensure that the INV-L series is suitable for an extensive number of professional applications.

### SELECTION TABLE

Part Number	Maximum Power <sup>1</sup>	Input Voltage	Output Voltage <sup>2</sup>	Output Frequency <sup>2</sup>
INV-L 250W-24	250VA	24VDC	230VAC	50Hz
INV-L 250W-24-1	250VA	24VDC	115VAC	60Hz
INV-L 250W-48-60	250VA	48/60VDC	230VAC	50Hz
INV-L 250W-48-60-1	250VA	48/60VDC	115VAC	60Hz
INV-L 250W-110	250VA	110VDC	230VAC	50Hz
INV-L 250W-110-01	250VA	110VDC	115VAC	60Hz

<sup>1</sup>This is the maximum continuous apparent power at max PF. <sup>2</sup>Different output voltage and frequencies are possible. Please contact ETPS to discuss your requirements.

## TECHNICAL DATA

### GENERAL

Electrical Safety	EN 60950, VDE 0805 (overload & short-circuit protected)
Efficiency	Approx. 80% by nominal load
Galvanic Isolation	3.75 kVDC
EMC (Emission)	EN 50081-1, Curve EN 55022B
EMC (Immunity)	EN 50082-2
Operating Temperature	-5 to +40°C (non-condensing)
Audible Noise	<35dB(A)

### INPUT DC

INV-L 250W-24	24 [19 - 31]VDC
INV-L 250W-48-60	48/60 [38 - 72]VDC
INV-L 250W-110	110 [88 - 132]VDC

### OUTPUT AC

Voltage	230VAC (optionally 115VAC)
Frequency	50Hz (optionally 60Hz)
Maximum Continuous True Power	200W
Permissible Power Factor	-0.8 to +0.8
Maximum Continuous Apparent Power	250VA
Load Range	0 - 100%
Crest Factor	>2.0
Harmonic Distortion	<5%

### HOUSING

Casing	Wall mount casing (aluminium/zinc)
Size	Approx. 326 x 175 x 74mm (W x H x D)
Weight	Approx. 4.8kg
Classification	IP 20
Ventilation	Internal fan

### ELECTRICAL CONNECTIONS

Input	Power combicon 3 pole type: PC 4/3-G-7.62
Rear Connectors	Appliance outlet EN 60320
Rear Connectors	Mini combicon 6 pole type: MC-1.5/6 GF-3.81

### OTHER

Optical Signals	Power on/PG, Overload/OVL
Signal Output	Voltage free alarm contact for loss of output
Accessories	Connection set 1 (included)
Warranty	2 Years

Every effort is made to ensure that the information provided within this technical summary is accurate. However, ETPS Ltd must reserve the right to make changes to the published specifications without prior notice. Where certain operating parameters are critical for your application we advise that they be confirmed at the time of order. ETPS Ltd specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. Please note that your actual unit may differ from those shown.



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