

# DC-AC Inverters

**POWER  
SOLVE**

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## PSI100/PSI150 Series 100/150 Watts

### Features

- Solid State Design
- Compact and Light Weight
- High Efficiency up to 90%
- Thermal Protection
- On/Off Switch
- 12V, 24V or 48V Input
- 230 VAC Output (115 VAC Optional)



### Electrical Specification

Input	See table
Output	230 VAC, 115 VAC Optional
Output Waveform	Quasi Sine Wave
Output Frequency	50Hz, 60Hz for 115V Versions
Efficiency	Up to 90%
Low Battery Alarm	11 VDC $\pm$ 0.5 VDC 12V Input 22 VDC $\pm$ 0.5 VDC 24V Input 44 VDC $\pm$ 0.5 VDC 48V Input
Low Battery Shutdown	10.5 VDC $\pm$ 0.5 VDC 12V Input 21 VDC $\pm$ 0.5 VDC 24V Input 42 VDC $\pm$ 0.5 VDC 48V Input
Thermal Protection	60 $\pm$ 10°C
Overload Protection	By thermal shutdown
Short Circuit Protection	Via input fuse
Input Polarity Protection	Via input fuse
Dimensions	145 x 70 x 70mm
Weight	600 gms
Input Connector	Fused automotive cigar plug
Output Socket	Stock items UK or Euro 3 Pin (/EU)
Cooling	Convection cooled
Safety	CE and E mark

MODEL	DC INPUT	INPUT FUSE	STANDBY CURRENT	OUTPUT POWER (continuous)	OUTPUT POWER (Peak)
PSI100/12	10.5-15 VDC	15A	0.3A Typical	100 Watts	200 Watts
PSI100/24	21.5-30 VDC	10A	0.2A Typical	100 Watts	200 Watts
PSI100/48	42.5-58 VDC	5A	0.2A Typical	100 Watts	200 Watts
PSI150/12	10.5-15 VDC	15A	0.3A Typical	150 Watts	300 Watts
PSI150/24	21.5-30 VDC	10A	0.2A Typical	150 Watts	300 Watts
PSI150/48	42.5-58 VDC	5A	0.2A Typical	150 Watts	300 Watts

#### NOTE:

For European output socket add /EU to part number. Example PSI150/12/EU.

For 115 VAC output option consult sales office.

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