



Powersolve Electronics Ltd

9 The Paddock • Hambridge Road • Newbury • Berkshire • RG14 5TQ • England

Tel: +44 (0)1635 521858 • Fax: +44 (0)1635 523771

PSE48 Series

48 WATT BATTERY CHARGER DESKTOP PSU

- 48W Rated Output
- High Efficiency
- Reliable design
- Universal input
- Constant Current/Constant Voltage Output
- Class II Insulation (Double insulated)
- Approved to EN60950
- Meets EN55022

Model Number	V_{In}	V_{Out}	I_{min}	I_{Out}	Reg	Eff	Case
PSE48-13V8C8	90-264VAC	13.8V	0.1A	3.5A	5%	80%	
PSE48-27V6C8	90-264VAC	27.6V	0.1A	1.8A	5%	80%	
PSE48-55V2C8	90-264VAC	55.2V	0.1A	0.8A	5%	80%	

SPECIFICATIONS

Input Specifications

Input Voltage Range	90-264VAC
Input Frequency	47-63Hz
Input Current	1A/110VAC 0.55A/220VAC

Output Specifications

Voltage Accuracy	+/- 5% max.
Ripple and Noise	1% pk-pk
External Trim Adj. Range	N/A
Hold up time	10mS at 120VAC
Short Circuit Protection	Continuous
Line Regulation ¹	+/- 1% max.
Load Regulation ²	+/- 1% max.
Over Voltage Protection	Latching

General Specifications

Efficiency
Isolation Voltage Primary to Ground
Operating Temperature
Storage Temperature

see Table
2121VDC min.
0°C to 40°C
-20°C to 80°C

Case Material

Size

Plastic
110mm x 60mm x 30mm

