

Lead Acid Battery Chargers



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PSE30/48 Series

48 Watts Float Charger

Universal AC Input

Features

- Up to 48W rated output
- High Efficiency, typically 80%
- Universal AC Input
- Constant Current/Constant Voltage Output
- Class II Insulation (Double Insulated)
- EN60950, UL & cUL safety Approvals
- Meets EN55022'B' EMC
- 2 pin IEC Input



Electrical Specification

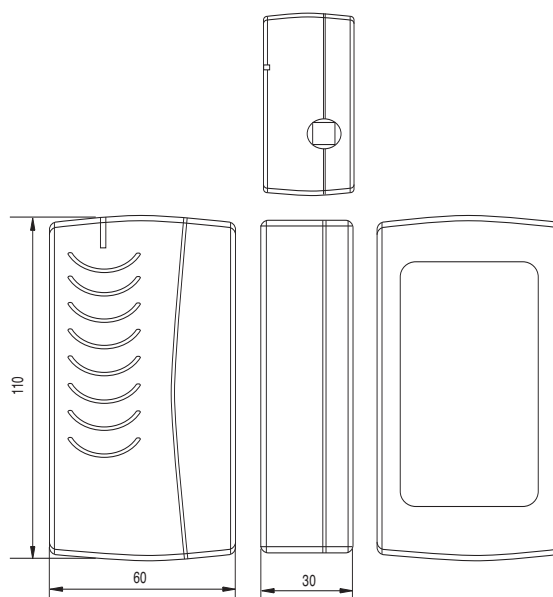
Input Voltage Range:	90-264VAC
Input Frequency:	47-63Hz
Input Current:	1A @ 110VAC, 0.55 @ 230VAC
Output Voltage Accuracy:	+/-5% Max
Ripple & Noise:	1% pk-pk
Output Voltage:	See Table
Hold Up Time:	10mS at 120VAC Input
Short Circuit Protection:	Continuous
Line Regulation:	+/-1% max
Load Regulation:	+/-1% max
Overall Regulation:	5%
Over Voltage Protection:	Latching
Isolation Voltage:	2121VDC Minimum
Operating Temperature:	0 to 40 °C
Storage Temperature:	-20 to +80 °C
Case Material:	Black Plastic ULV0 Rated
Safety Approvals:	EN60950, UL & cUL
EMC:	Meets EN55022'B'

Output Voltage/Current Rating Chart - PSE30/48 Series

Model	Output Voltage	Output Current
PSE30-6V9-C8	6.9V DC	4.5A
PSE48-13V8-C8	13.8V DC	3.5A
PSE48-24-C8	24V DC	1.25A
PSE48-27V6-C8	27.6V DC	1.8A
PSE30-33-C8	33V DC	1A
PSE48-48-C8	48V DC	1A
PSE48-55V2-C8	55.2V DC	0.8A

Output Lead & Connector: Stock items have a lead length of 1.8 Metre terminated in a 2.5 x 5.5 x 9.5mm barrel connector, centre positive. Other connectors available – consult sales office for details

Dimensions in mm



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