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ED1048 Series

60 WATT BATTERY CHARGER DESKTOP PSU

- 60W Rated Output
- High Efficiency
- Reliable design
- Universal input
- 3 stage charging with 3 colour LED
- Certified to EN60601 medical standard (12V)
- Meets EN550022

Model Number	V _{In}	V _{Out}	I _{min}	I _{Out}	Reg	Eff	Case
ED1048-12M	90-264VAC	12V	0.1A	4.0A	+/-200mV	72%	
ED1048-24	90-264VAC	24V	0.1A	2.0A	+/-200mV	72%	

SPECIFICATIONS

Input Specifications

Input Voltage Range	90-264VAC
Input Frequency	47-63Hz
Input Current	1.4A/110VAC 0.75A/220VAC

Output Specifications

Voltage Accuracy	+/- 5% max.
Ripple and Noise	100mV pk-pk
External Trim Adj. Range	N/A
Charging Voltage (12V Version)	14.7V +/-0.2V for Fast Charge 13.8V +/-0.2V for Trickle Charge
Charging Voltage (24V Version)	29.4V +/-0.2V for Fast Charge 27.6V +/-0.2V for Trickle Charge
Charging Waveform	See Table
Hold up time	10mS at 120VAC
Short Circuit Protection	Continuous
Line Regulation ¹	+/- 1% max.

Load Regulation²
Over Voltage Protection

+/- 1% max.
110-140%

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
140mm x 75mm x 39mm



