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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

<b>Model Number</b>	<b>V<sub>In</sub></b>	<b>V<sub>Out</sub></b>	<b>I<sub>min</sub></b>	<b>I<sub>Out</sub></b>	<b>Reg</b>	<b>Eff</b>	<b>Case</b>
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 <sup>1</sup>	+/- 1% max.

Load Regulation<sup>2</sup>  
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



