

2240 SERIES



Lead Acid & LI-ION Battery Charger: 15 Watts



Specifications

INPUT:	90~264 VAC
FREQUENCY:	47~63Hz
OUTPUT POWER:	Model dependent 5~15 watts
SWITCHING FREQUENCY:	40kHz
LEAKAGE CURRENT:	Approx zero, with AC supply off
OPERATING TEMP:	-25°C to +40°C
RIPPLE:	100mV pk-pk
EFFICIENCY:	Model dependent 58~82%
PROTECTION:	Protected against reverse polarity and short circuit
INSULATION CLASS:	Class II
INSULATION VOLTAGE:	4000VAC/5640VDC
SAFETY APPROVALS:	EN60950, EN60601-1, EN60335-2, UL2601-1
EMC:	Medical: EN60601-1-2 Emission: EN50081-1 Immunity: EN50082-1
RELIABILITY:	MTBF 250,000hrs at 30°C
OUTPUT CONNECTOR:	A variety of options: Two core cable Cord with plug Cord with exchangeable plug
INPUT CONNECTOR:	2 pin IEC320 suitable for use with world wide mains cables
DIMENSIONS:	90 x 45 x 32mm 115g

Features

- Universal input 90~264VAC
- 3-step charge control with current detection as charge termination
- LED indicates charger state
- Suitable for Lead Acid batteries and LI-ION batteries (**LI model**)
- Available in 6V, 12V, and 24V lead acid batteries
- Available for 1-4 LI-ION battery cells
- Custom specification on request
- Medical approval EN60601 and EN60950
- CE marked and EMC approval

Lead Acid Charger Models			
Charge	2240-6	2240-12	2240-24
Charge Current Orange	1.3A	1.0A	0.5A
Charge Voltage Orange	7.35V	14.7V	29.4V
End Charge Current Green	250mA ±20%	250mA ±20%	250mA ±20%
Standby Voltage	6.85V	13.7V	27.4V
Recommended Battery	4-12AH	3-12AH	1.5-12AH

LI-ION Charger Models				
Charge	2240LI-1 1 Cell	2240LI-2 2 Cells	2240LI-3 3 Cells	2240LI-4 4 Cells
Charge Current Orange	1.3A	1.3A	1.2A	0.9A
Charge Voltage Orange	4.1V	8.2V	12.3V	16.4V
End Charge Current Green	100mA ±20%	100mA ±20%	100mA ±20%	100mA ±20%
Charge Start at Bat V <:	3.7V or Mains On	7.4V or Mains On	11.2V or Mains On	14.8V or Mains On

