

2240 SERIES

3 Step Battery Charger: 15 Watts



Features

- 3-Step charge control with **current detection** as charge termination
- Universal input: 90 - 264VAC
- LED indicates charger state
- Available in 6V, 12V and 24V Lead Acid batteries
- Customer special specifications available on request
- Medical approval EN60601
- CE marked and EMC approval
- 2-pin IEC320 mains input
- Optional mounting bracket
- **IP67** waterproof option

General Specifications

Input Voltage:	90 - 264VAC
Output Power:	15 watts
Output Voltage:	6 - 36VDC (other voltages on request)
Voltage Range	Fixed
Load Regulation:	±1%
Line Regulation:	±0.5%
Insulation:	2pin IEC320 Class II
Isolation:	Input - Output: 4000VAC
Safety:	EN60950, EN60601-1, EN60335-2
EMC:	Medical: EN60601-1-2 Emission: EN61000-6-3 Immunity: EN61000-6-1
Operating Temp:	-20°C to +40°C
Efficiency:	Model dependent, typically 80%
LED:	<ul style="list-style-type: none"> • Orange = charge current • Orange = charge voltage • Green = charge terminated
Protection:	Reverse polarity and short circuit protection
Dimensions/Weight:	90 x 45 x 32mm. 115g

Description

The 2240 series battery charger is a 15 watt low power unit, for use with 6V, 12V, 24V, and 36V Lead Acid batteries. Charge control is with **current detection** as charge termination and an LED indicates the condition of the 3-step charge. Models with **Medical** approvals available as well with waterproof **IP67** case.

Options

Input Connector:	Standard mains input: 2 pin IEC320. Fixed mains power cord option (special orders).
Output Plug:	A variety of output plugs available, consult office for details
Waterproof:	Models with IP67 waterproof rating
Mounting Bracket:	Bracket for panel mounting P/N: 202906

Mounting Bracket option



LED Indicator	Model Charge	2240 - 6V Output	2240 - 12V Output	2240 - 24V Output	2241 - 36V Output
Step 1 - Orange	Charge Current	1.3A +5 -7%	1.0A +5 -7%	0.5A +5 -7%	0.35A +5 -7%
Step 2 - Orange	Charge Voltage	7.35V	14.7V	29.4V	44.1V
Step 3 - Green	Charge Termination	250mA ±20%	250mA ±20%	250mA ±20%	150mA ±20%
Standby Voltage		6.85V	13.7V	27.4V	41.1V
Battery Capacity		4 - 12AH	3 - 12AH	1.5 - 12AH	1 - 7AH