

EPS

2404



## GENERAL FEATURES

- ✍ 3 Stage charging cycle
- ✍ Suitable for batteries up to 34 AH in cyclic application
- ✍ Suitable for up to 50 AH in a standby or float application
- ✍ Fully Automatic Operation
- ✍ Compact and Light weight
- ✍ Fully overload protected (auto recovery)
- ✍ Simple LED charging indicator

## INPUT

Input	90-260 VAC
Frequency	47-63Hz
Protection	Internal Primary
Isolation	Input-Output 3000VAC
	Input-Case 2500 VAC
	Output-Case 500 VAC
Safety	Designed to IEC 950
EMI-EMC	FCC Class B, CE, C-Tick
Standard	AS 3193
Input Connection	3 Core SAA Cable IEC

## MECHANICAL

Case Dimension	105L X 207W X 60H
Casing Material	Extruded Anodized Aluminum
Weight	1. Kg.
Cooling	Convection cooled
Warranty	12 Months

## ELECTRICAL

Topology	Switching DC Power
Efficiency	85%
Boost Charge Voltage	29.4VDC
Float Charge Voltage	27.6VDC
Output Charge Current	4 Amps
Ripple & Noise	150 mV
Line Regulation	+/- 0.5% Over Input Range
Load regulation	+/- 1% 0-100% Load
Rise Time	500 mS
Hold-up Time	20 mS@Nominal Output
Short Circuit Protection	Output Shutdown
Over Current Protection	Primary Power Limit
Reverse Polarity Protection	Internal Relay

## ENVIRONMENTAL

Operating Temp. Range	-5° to 50°C
Storage Temperature	-30°C to +85°C
Relative Humidity	10% to 90%
Altitude	0-3000m