

EPS 1208

GENERAL FEATURES

2 Stage charging cycle

Suitable for batteries up to 34 AH in cyclic application

Suitable for up to 100AH in a standby or float application

Fully Automatic Operation

Compact and Light weight

Fully overload protected (auto recovery)

Simple LED charging indicator



Automatic Switch-Mode Battery Charger



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	14.7VDC
Float Charge Voltage	13.8VDC
Output Charge Current	8 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 Limited
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

Master Instruments

Sydney:- 33-39 Sloane Street Marrickville NSW Tel (61 2) 9519 1200 Fax (61 2) 9519 4604 E-mail sales@master-instruments.com.au

Melbourne:- Unit 13 107 Heatherdale Road Ringwood Victoria 3134 Tel (61 3) 9872 6422 Fax (61 3) 9872 6466 E-mail vic@master-instruments.com.au