



3-STAGE BATTERY CHARGER 48V/3A

SERIES EASY CHARGER

The EASY Charger Series is designed to charge batteries at least 25% faster than most standard chargers.

It provides multistage charging algorithm for quick and save charging of lead acid batteries.

Inbuilt electronic protection circuits are designed for maximum charger protection and high operational availability.

The robust aluminium enclosure is suitable for marine, mobile and industrial applications.

APPLICATIONS

- Base Station Power (Radio & Telecommunications)
- Marine & other rugged environments
- Automotive / RV
- Electric Utilities and Substations
- Oil Rigs
- OEM Applications
- Field Work / Construction Sites
- Solar Power Systems
- Emergency Power Backup (UPS)
- Security Systems

FEATURES

- Fast and reliable multi stage charging
- High frequency switching topology
- SMD technology for small size and long life time
- Low ripple DC-output
- ON- / OFF switch
- Output short circuit protection
- Over load protection
- Compact size, light weight
- Meets CE, RoHS



High frequency technology



Light weight, compact size



Full electronic protection

SPECIFICATIONS

MODEL		EC-4803
Input	Voltage	110~240VAC
	Frequency	47~63Hz
Output	Bulk Charge	58.8V +/-0.4V
	Floating Charge	54.8V +/-0.4V
	Rated Current	3A +/-5%
	Rated Power	176W
	Efficiency	>85% (at full load)
	Dualbank	N/A
Protections	Current Limit	Yes
	Short-Circuit	Yes
	Overload	Yes
	Over-Temp.	Yes, auto restart
	Reverse polarity protection	*Yes, Automatic Shutdown
Indication **		LED
Functions	Programmable timer for Absorption / Equalize mode	N/A
	Charging Curve	3-Stage
	Cooling Fan	Speed control by charging stages
Environment	Operating Temperature Range	-10° to 50°C, derating 2% per°C from 40°C
	Humidity	5 - 95% non-condensing
Labels	EMI	Compliance to EN55014-1 Class B
	Standards	CE, RoHS
Mechanical	Dimensions	167*103*50mm
	Weight	0.9KG
	Connections AC	AC-Connector
	Connections DC	DC Alligator Clips
	Protection Category	IP20

* Unit may be destroyed when battery is wrong connected

** Bicolor LED; orange, green

OEM and special units on request

