



3-Stage Charging



Pulse Charging



Quick Charge



High frequency technology



Light weight



Multiple electronic protection

## Applications

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

## Battery Chargers

Series EASY Charger 48V

### Description

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

It provides multi stage charging algorithm for quick and save charging of wet, AGM and gel 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.

### Features

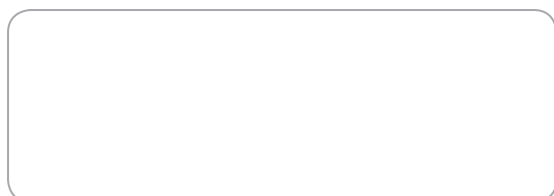
- Fast and reliable multi stage charging
- High frequency switching topology
- SMD technology for small size and long life time
- Low ripple DC-output
- ON- / OFF switch
- Output short circuit protection
- Over load protection
- Compact size, light weight
- Meets CE, RoHS

# Specifications ( Specifications Subject to Change Without Notice)

MODEL		EC-4803
Input	Voltage	AC100~240V
	Frequency	47~63HZ
Output	Bulk Charge	58.8V +/-0.4V
	Floating Charge	54.8V +/-0.4V
	Current	3A +/-5%
	Rated Power	176W
	Efficiency	>85% ( at full load)
	Dualbank	N/A
	Protections	Current Limit
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		
** Tricolor LED; red, green, yellow / LCD; charge status / Digital Meter; VDC, ADC, AH, Battery charge level %, Charging time		
Options: 6V/24V/36V/48V models, Charging Current from 6 up to 95A and OEM and special units on request		

**RoHS Compliant**  
Directive 2002/95/EC

Available from:



**RIPEnergy**<sup>®</sup>

The power conversion company

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