

# EASY Charger 3-stage LiFe Battery Chargers



3-Stage Charging



Pre-Charging



Quick Charge



Digital Display



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 ECLiFe 19"

### Description

The EASY Charger 19" Series has been design to be at least 25% more efficient than other ordinary chargers.

It provides 3-stage charging algorithm for quick and save charging of LiFEPO4 and Lithium type batteries only.

It will increase lifetime and charging speed of your batteries.

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

The robust 19" rackmount enclosure is suitable for telecommunications and industrial applications.

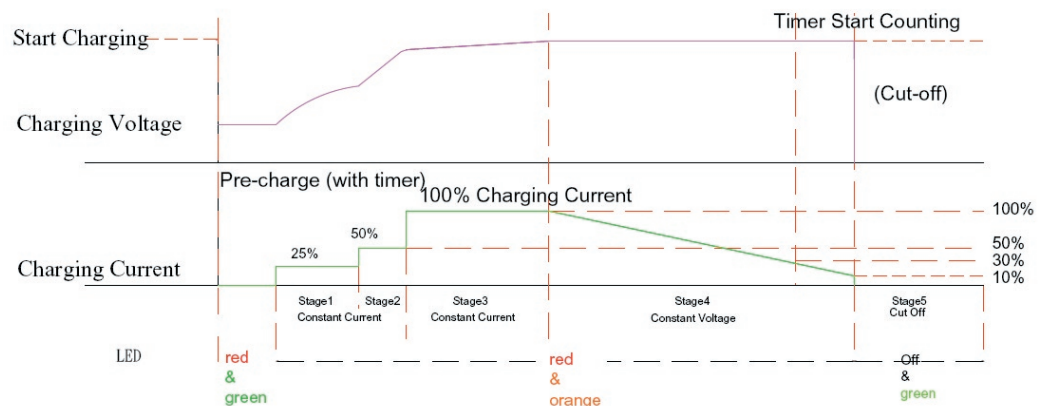
### Features

- Fast and reliable 3-stage charging
- High frequency switching topology
- SMD technology for small size and long life time
- Low ripple DC-output
- Temperature compensation optional
- ON- / OFF switch
- Output short circuit protection
- Over load protection
- Multi information displays
- Compact size, 19" rackmount
- Meets CE, RoHS

# Specifications ( Specifications Subject to Change Without Notice)

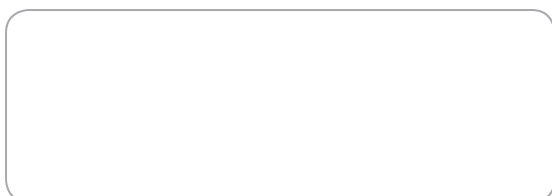
MODEL	EC-15200LFD	
Input	Voltage	100~120VAC or 200~250VAC
	Frequency	47~63HZ
Output	Equalizer Charge	54.75V +/-0.4V
	Rating Current (+/-0.2A)	20A
	Pre-charge1(@>2.5V/cell) Timer1 (30minutes) (+/-0.2A)	5A
	Pre-charge2(@>2.9V/cell) Timer2 (6minutes) (+/-0.3A)	10A
	< 30% of rating current Timer3 (2hours) (+/-0.2A)	6A
	Cut-Off (10% of rating) Timer4 (15minutes) (+/-0.2A)	2A
	Wattage	1100W
	Efficiency	>85% (at full load)
Protections	Overload	YES, Current Limited
	Short-Circuit	YES, Automatic Shutdown
	Reverse polarity protection *	YES, Fuse Blow
Indication **	Digital Meter & LED	
Functions	Cooling Fan	Speed control by charging stages
Environment	Operating Temperature Range	0° - 40°C
	Humidity	5 - 95% non-condensing
Labels	EMI	Compliance to EN55014-1 Class B
	Standards	CE, RoHS
Mechanical	Dimensions	480*355*88mm
	Weight	8KGS
	Connections AC	AC-Connector
	Connections DC	Clamps
	Protection Category	IP20
* Unit may be destroyed when battery is wrong connected		
** Bicolor LED; orange, green / Digital Meter; VDC, ADC, PDC		
Other cells is available upon receiving customer's request.		

## Charging Curve and LED indications



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

Available from:



**RIPEnergy**

The power conversion company

RIPEnergy AG  
Wägitalstrasse 24  
CH-8854 Siebnen  
Switzerland

Ph +41-(0)43-818 53 85  
Fax +41-(0)43-818 53 87  
www.ripenergy.ch