



5-Stage Charging



Pulse 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 19"

Description

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

It provides multi-stage charging algorithm for quick and save charging of lead acid batteries.

It will increase lifetime and charging speed of your batteries.

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

Pulse charging mode is selectable for EASY Charger 1290D, 2445D, 3632D and 4822D.

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

Features

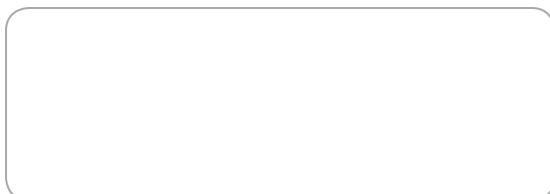
- Fast and reliable 3-stage charging
- High frequency switching topology
- SMD technology for small size and long life time
- Low ripple DC-output
- ON- / OFF switch
- Output short circuit protection
- Over load protection
- Pulse charging option
- Multi information displays
- Compact size, 19" rackmount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

Specifications (Specifications Subject to Change Without Notice)

MODEL		EC-1290DR	EC-2445DR	EC-3632DR	EC-4822DR
Input	Voltage	AC190~250V			
	Frequency	47~63HZ			
	Inrush Current	Cold Start 60A			
	Leakage Current	For eart < 1mA/264VAC			
Output	Bulk Charge	14.4V +/-0.2V	28.8V +/-0.3V	43.2V +/-0.3V	57.6V +/-0.4V
	Floating Charge	13.8V +/-0.2V	27.6V +/-0.3V	41.4V +/-0.3V	55.2V +/-0.4V
	Rated Current	90A +/-1.5A	45A +/-1A	30A +/-0.5A	22A +/-0.5A
	Rated Power	1300W	1300W	1300W	1300W
	Efficiency	80%	81%	83%	84%
	Ripple (max.)	125mVp-p			
	O/P Terminal Bank	Single Bank			
	Equalizer-->Float Charge	<10% of Rated Current (+/- 0.7A, Adjustable)			
	Float-->Equalizer Charge	>12% of Rated Current (+/- 1A, Adjustable)			
Protections	Current Limit	Yes			
	Short-Circuit	Yes, unit cut off			
	Overload	Yes, max. current limited			
	Over-Temp.	>65°C, Reduce O/P Voltage & O/P Current (Measure Inner Heatsink)			
	Reverse polarity protection	by fuse *			
Indication **	Digital Meter & LED				
Functions	Pulse Charge	Yes			
	Parallel Connection	optional			
	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					
Options:					
OEM and special units on request					

RoHS Compliant
Directive 2002/95/EC

Available from:



RIPEnergy

The power conversion company

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