

A1500C 1.5KW Lead-Acid(Pb-Acid) Battery Charger

Features Overview

1. LED panel displays charging status and charged battery capacity.
2. The charger is designed for single phase AC120V or AC230V source or AC230V source.
3. Typical Efficiency is 90% , Power Factor is 0.7
4. With MCU controller, CC+CV(H)+CV(L) 3-stages charge method
5. Designed for 24V~72V Lead-Acid battery



Protection

1. The charger's internal relay makes the output voltage is less than 5.5V with no-load, when the output is connected to a battery, the output voltage of charger is normal
2. Short circuit protection: when the output of charger is shorted , the charger will close output automatically without any damage
3. Reverse polarity protection: when the output is connected to a battery reversely , the charger will close output automatically without any damage
4. Overheating protection: the internal temperature exceeds 80 °C, the charger will close output automatically

Technical Specifications

AC Input	
Input Voltage Range	100~132V or 200~264VAC
Nominal Input Voltage	120 VAC or 230 VAC RMS
Input Frequency	45 - 65 Hz
Input Current	9A rms @ 220 VAC
Power Factor	0.7 @ 230 VAC, full load
Charger type	
	Pb-Acid battery charger
DC Output	Charger type
	A1500-24 A1500-48 A1500-60 A1500-72
Output Voltage (no battery)	<4V <5V <5V <5V
Floating Charging Voltage	27.4V +-1% 55V +-1% 69V +-1% 82V +-1%
Bulk Charging Voltage Limit	29.4V +-1% 59V +-1% 73V +-1% 88V +-1%
Charging Current	30A +-15% 25A +-15% 20A +-15% 17A +-15%
LED Display information	Charging mode: Power LED on, Capacity LED flowing from 25% to 100% Charging finished: Power LED on, Capacity LEDs all on. Standby mode: Power LED on, Capacity LEDs all off. Error mode: Power LED on, Warning LED flashing.
Efficiency(typical)	90%
Environment	
Operating Temperature	-10~40°C
Operating Humidity	<90%
Storage Temperature	-40~70°C
Storage Humidity	<95% (non-condensing)
Cooling	Fan cooling
Safety	
Max Temperature rising	<20°C (on casing)
Safety Standard	Meet EN60335/EN61000
Hi-Pot Insulation	i/p to o/p: 1500AC (1 min.) (For final unit, cut-off current =10mA)
Mechanical	
Weight	2.4Kg
Dimensions (L×W×H)	285×200×90mm
Input/Output Cord and plugs	Defined by user