



Feature:

- Charger for lead-acid batteries (Flooded, Gel, and AGM) and Li-Ion batteries (lithium iron, lithium manganese and lithium nickel cobalt manganese) (Note. 1)
- multi-stages smart charging characteristic
- AC voltage range 180~264VAC
- Protections: Short circuit /Overload /Over voltage /Low voltage /Over temperature /Over current /Reverse polarity /Timing /Fully charged shut down /No leaking current drain out of the battery
- High efficiency, Maximum efficiency can be up to 92%
- Class I power (with earth pin)
- Fan cooling with anti-dust mesh
- 2 color LED loading indicator
- Embed MCU intelligent control, OLED display shows voltage, current, time and SOC percent, RS485 and CAN2.0B communication for option
- No spark DC plug design when the DC connector plugs into or unplugs from the battery
- No spark design when short circuit protection
- Active zero voltage battery charge input port

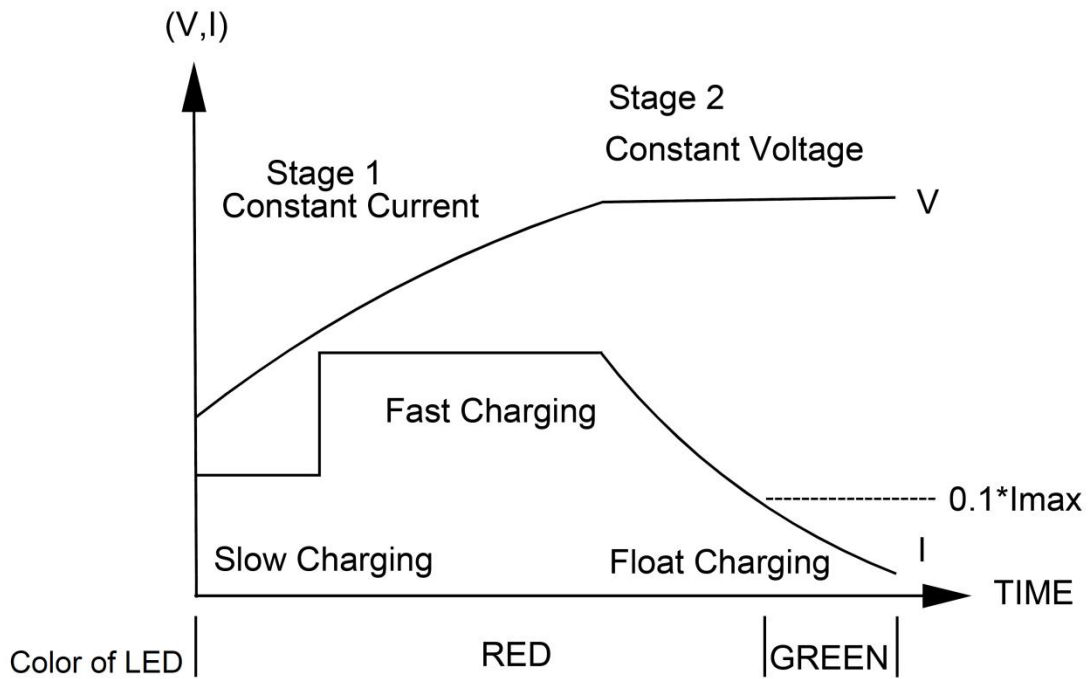
Output	DC voltage	14.6~16.8V	29.2~29.4V	42V	54.6~58.8V	67.2~71.4V	84V
	Rated Current (220VAC)	40A	40A	30A	30A	25A	20A
	Rated Power	672W	1176W	1260W	1764W	464.1W	1680W
	LED Indicator	CC and CV Charging current > Rated current * 10%: RED; CV charging current <= Rated current * 10%: GREEN					



Input	Voltage Range	180VAC~264VAC
	Frequency Range	47~63HZ
	Power Factor	0.65 at 230VAC
	Efficiency	92%
	AC Current	10A
	Inrush Current	Cold Start<60A
	Leakage Current	<3.5ma/240VAC
Protection	Short Circuit	RED LED Fast Flashing and shut down output voltage;
	Reverse Polarity	Recovers automatically after fault condition is removed.
	Low Voltage	
	Over Current	
	Over Voltage	Shun down output voltage, re-power on to recover.
	Over Load	
	Over Temperature	100°C±10°C(RTH2),Automatically derate charge current to half maximum rated current.
Interface	RS485, CAN2.0B	For option, customized
	OLED Display	It shows voltage, current, charging time, SOC percent
	UART	Baud rate:9600bps, 8 data bits, no parity, 1 Stop Bit
Environment	Working Temp.	-30°C~+60°C
	Working Humidity	20~90% TH non-condensing
	Storage Temp.	-40°C~+85°C, 10~95% TH
	Humidity	
Safety & EMC	Safety Standards	
	Withstand Voltage	I/P-O/P:1.8KVAC, I/P-FG:1.8KVAC, O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25 °C/70% RH
	EMC Emission	
	EMC Immunity	
Others	Dimension	267*156*95.4(L*W*H)
	Packing	Kg; pcs/ Kg/ CUFT
Note	<p>1. Modification for charger specification may be required for different battery specification. Please contact battery vendor and ELECTRONY for detail.</p> <p>2. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 ° C ambient temperature.</p> <p>3. Product Liability Disclaimer: For detail information please refer to http://electrony.cn/product-liability-disclaimer/</p>	



● Charging Curve



Note: This charging curve is for Li-Ion battery.