



Feature:

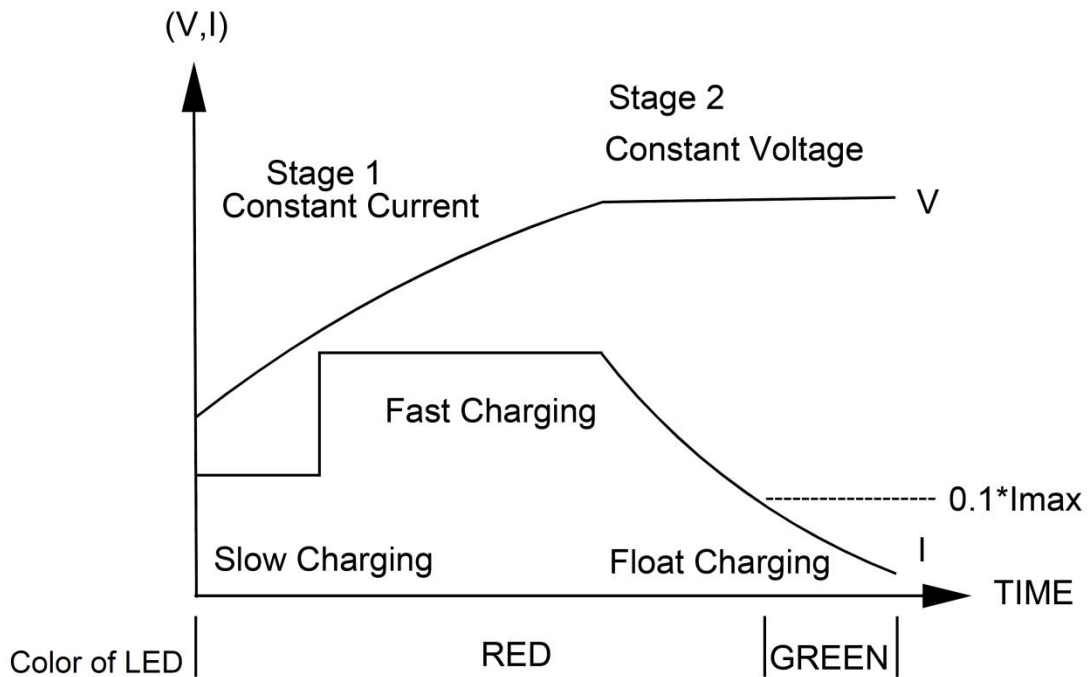
- Charger for lead-acid batteries (Flooded, Gel, and AGM) and Li-Ion batteries (lithium iron, lithium manganese and lithium nickel cobalt manganese) (Note. 1)
- multi-stages smart charging characteristic
- Universal AC voltage range 90~264VAC
- Built-in active PFC function, PF>0.95
- Protections: Short 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
- 2 color LED loading indicator
- Embed MCU intelligent control
- 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)	15A	10A	10A	8A	7A	6A
	Rated Current (110VAC)	15A	10A	10A	8A	7A	6A
	Rated Power	252W	294W	420W	470.4W	499.8W	504W
	LED Indicator	CC and CV Charging current>Rated current*10%: RED; CV charging current <=Rated current*10%:GREEN					



Input	Voltage Range	90~264VAC
	Frequency Range	47~63HZ
	Power Factor	>0.95/230VAC , >0.98/115VAC
	Efficiency	92%
	AC Current	8A
	Inrush Current	Cold Start<60A
	Leakage Current	<3.5ma/240VAC
Protection	Short Circuit	<15W
	Reverse Polarity	
	Low Voltage	This charger works on battery voltage >50% charging voltage
	Over Current	Shun down output voltage, re-power on to recover.
	Over Voltage	
	Over Load	
Over Temperature	85°C±10°C(RTH2),Automatically derate charge current to half maximum rated current.	
Environment	Working Temp.	-30°C~+60°C
	Working Humidity	20~90% TH non-condensing
	Storage Temp. Humidity	-40°C~+85°C, 10~95% TH
	Safety Standards	Compliance to IEC/EN60950/60335
Safety & EMC	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
	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.

● Pin Assignment

Standard Female Plug (power supply side): IEC320-C13

IEC320-C13		
	PIN	OUTPUT
	N	+V
	L	-V

-V connected to AC FG