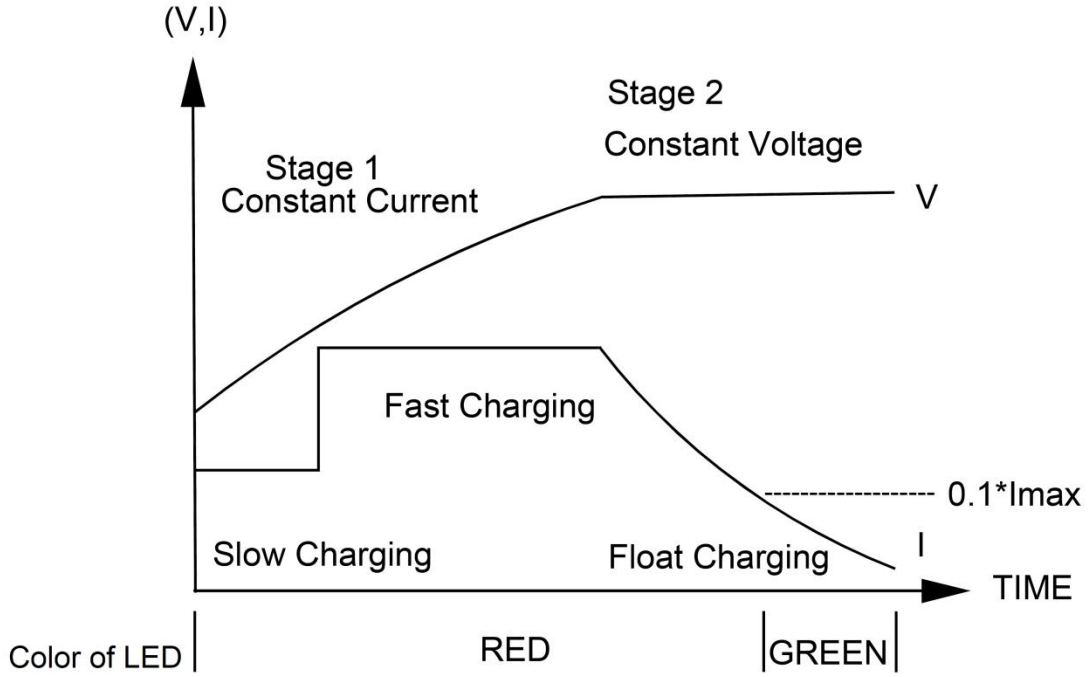
Feature:

- 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 or 90~132VAC or AC input range selected by switch
- Protections: Short circuit /Overload /Over voltage /Low voltage /Over temperature /Over current /Reverse polarity(Fuse)
- High efficiency, Maximum efficiency can be up to 92%
- Class I power (with earth pin)
- Fan cooling
- 2 color LED loading indicator
- 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)	10A	15A	10A	8A	6.5A	5.5A
	Rated Current (110VAC)	10A	15A	10A	8A	6.5A	5.5A
	Rated Power	252W	441W	420W	470.4W	464.1W	462W
	LED Indicator	CC and CV Charging current>Rated current*10%: RED; CV charging current <=Rated current*10%:GREEN					

Input	**Voltage Range**	180~264VAC or 90~132VAC or Selected by switch
	Frequency Range	47~63HZ
	Power Factor	0.65 at 230VAC
	Efficiency	92%
	AC Current	3A/220VAC
	Inrush Current	Cold Start<60A
	Leakage Current	<3.5ma/240VAC
Protection	**Short Circuit**	<15W
	Reverse Polarity	Fuse Blew out, Recovers after fault condition is removed and re-power.
	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 & 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**	170*90*63(L*W*H)
	Packing	Kg; pcs/ Kg/ CUFT
Note	1. Modification for charger specification may be required for different battery specification. Please contact battery vendor and ELECTRONY for detail. 2. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25° C ambient temperature. 3. Product Liability Disclaimer: For detail information please refer to http://electrony.cn/product-liability-disclaimer/	

● 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