



Feature:

- Charger for Li-Ion batteries (lithium iron, lithium manganese and lithium nickel cobalt manganese) (Note. 1)
- multi-stages smart charging characteristic
- DC input voltage range 12~24VDC
- 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 90%
- Fanless design, cooling by free air convection
- 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

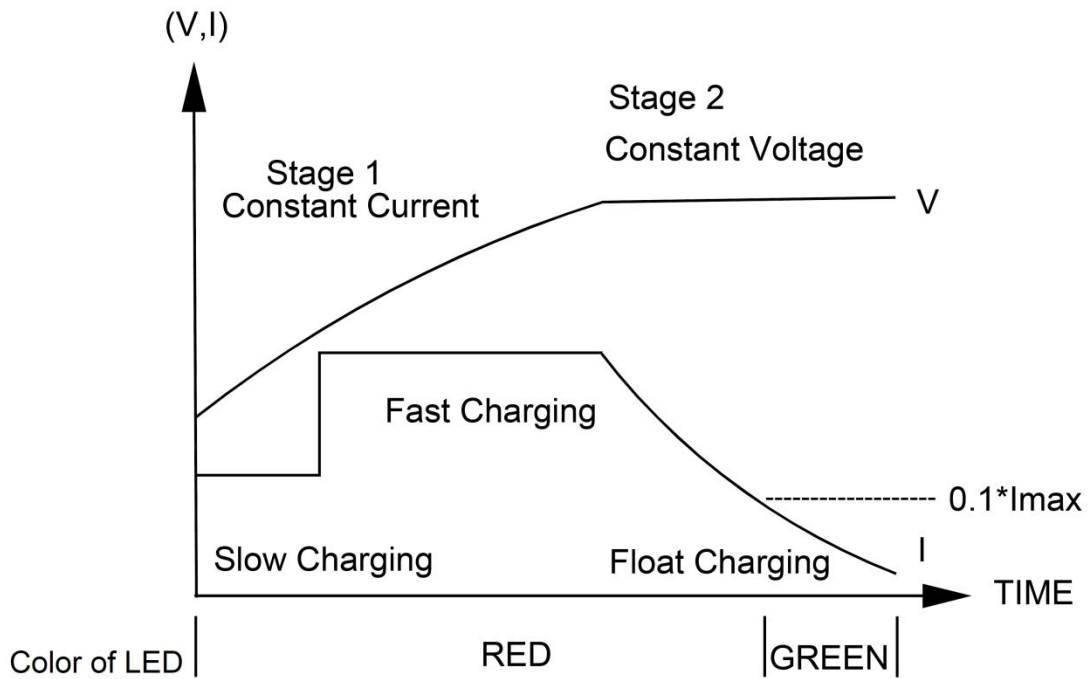
Output	DC voltage	29.2~29.4V	42V
	Rated Current	2A	1.4A
	Rated Power	58.4W	58.8W
	LED Indicator	CC and CV Charging current>Rated current*10%: RED; CV charging current <=Rated current*10%:GREEN	



Input	DC Input Voltage Range	10~24VDC
	Efficiency	90%
	DC Input Current	7A
	Inrush Current	
	Leakage Current	
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	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.	-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	(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.