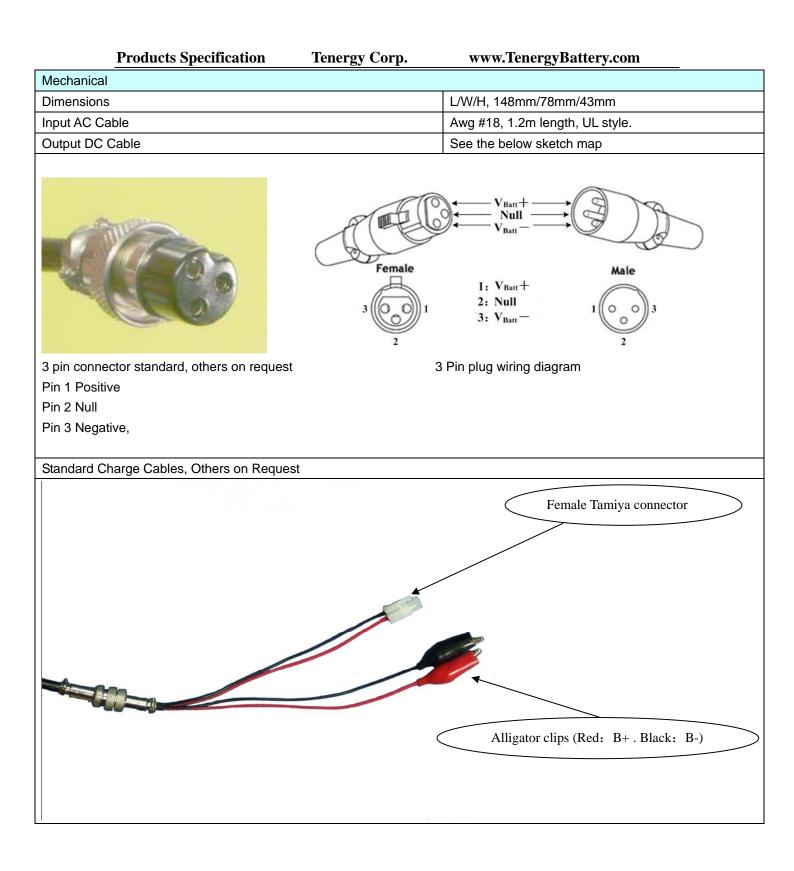
Tenergy 5 Li Cells in series Charger Datasheet				
NO.	Item	Unit	Specification	Test Condition
Input Charact	teristics		·	
01	Rated AC Input	Vac	100~240VAC 50/60Hz	
	Input Voltage	Vac	90~264VAC	
	Rated Input Current	А	0.40Arms	220Vac input and full load.
	Max. Input Power	W	62.5W	
Output Chara	acteristics			
02	Rated Output Voltage	Vdc	18.0V	
	Output Voltage	Vdc	12.0V-24.0V	24V is the open circuit voltage
	Battery Capacity Extend.	Ah	2 Ah~30Ah	
	Number of Cells		5 Li Cells in Series	
	Charge Current	А	2.5A±0.1A	
	Cut Off Current	А	0.2A	
	Max. Delivered Power	W	52.5W	
	Safety Timer	Hour	18Hours	
	Power Indication LED Indications	-	Power ON Red Flashing(0.25Hz) Charging Red Fully Charged Green Errors – Red Flashing(2Hz)	
	Short-Circuit Protection	-	Yes	
	Reverse Protection	-	Yes	
	Efficiency	%	>83%	220Vac Input and Full Load
Environment			•	·
03	Operation Temperature.	°C	-10~40	Full load & natural convection.
	Operation Humidity	%RH	<90%RH	Relative humidity, non-condensing.
	Storage Temp.	°C	-30~85	
	Storage Humidity	%RH	<95%RH	Relative humidity, non-condensing.
	Cooling	-	Natural Convection	
	Vibration	-	IEC68-2-6	Non-operating condition.
	Impact	-	IEC68-2-32	Non-operating condition.
Safety & EMO	0			
04	Max Temp. Rise	°C	< 40 on casing	At any line and full load.
	Safety Standard	-	EN60335-2-29	
	EMC	-	EN55014-1	
	MTBF	hrs	50000hrs	
	ESD	kV	8	
	HI-POT	V	3000/1min.	Testing with Sine wave.

**Products Specification Tenergy Corp.** www.TenergyBattery.com

Important Notice

The Data sheet contains information specific to products manufactured at the time of its publish Contents herein does not constitute a warranty Copyrights @ Tenergy Corp.—All Rights Reserved

1



Important Notice The Data sheet contains information specific to products manufactured at the time of its publish Contents herein does not constitute a warranty Copyrights @ Tenergy Corp.—All Rights Reserved Products Specification

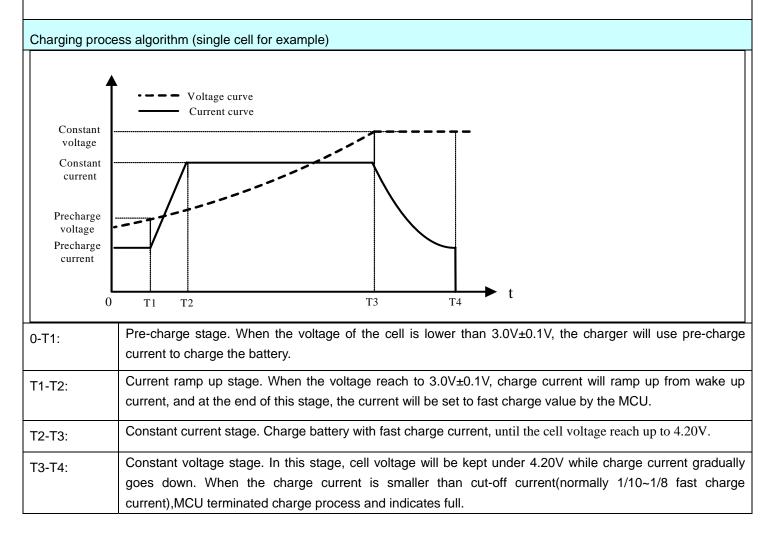
Tenergy Corp.

## Charge Instruction:

- 1. Connect the battery to output connector (3 pin Waterproof connector or Tamiya connector or alligator connectors)
- 2. Make sure the battery polarity is connected properly (Red wire is Positive and Black wire is Negative)
- 3. Plug the 110V-240V AC power source
- 4. Upon correctly connecting the battery pack, the LED turns red showing charging on progress
- 5. LED turns green on when the battery get fully charged or under trickle charge

## Cautions:

• Never charge battery packs with lower or higher capacity beyond the designated AH value. Tenergy is not responsible for any damage caused by misusing.



3