



FU-CLI1500-54.6V • Li-ion battery charger



1. Applicable scope

The charger applies for Li-ion/Polymer battery charge. The standard describes electric performance, safety, size and the matters need attention. This standard just applies to our charger products

2. Product electric performance

INPUT	
AC voltage range	AC90 ~ 264V
Rating AC voltage	AC100 ~ 240V
Frequency	50 ~ 60HZ
No-load input power	≤2W
Rating input current	≤1.5Arms
Rating input maximum power	≤10

OUTPUT	
Output voltage range	DC54.2V~55.4V
Rating output voltage (CV)	DC45V~52.5V
Rating output current (CC)	1.3A~1.6A
Apply in the battery	under 48V20AH
Rating output power	≤88.4W
Working power	≥86%
Red LED is charging Green LED is standby or finished The current condition for turning a red light into a green light	0.05A < I < 0.2A

3. Protecting

Over current protection: When current of the charger and the Supporting the use of the equipment is exceed the rating current, eg: over current/overload/shorted, the charger stop working at once, after the charger remove the stoppage, it will working again.

Over voltage protection: when the working voltage is exceed the setting voltage, the charger will protect by itself and have not output voltage.

Shorted protection: when the polarity + - is shorted, charger will protect by itself and have not output voltage, after the charger remove shorted protection, it will working again.

Reverse polarity protection: when the polarity + - is reversed, charger will protect by itself and have not output voltage.

4. Environment and safety

ENVIRONMENT	
Operate temperature	-10~+40°C
Storage temperature	-40~+70°C
Storage humidity	<+95%RH
Cooling	Natural convection

SAFETY	
Vibration test	5MM / 50Hz / 600S
Temp rise	At the natural condition, <45°C on casing
Working life	≥30000Hrs
ESD	8.0KV

5. Product picture description

- European Standard Plug 3 input
- Cable length is 1500mm
- Output Plug : 5.5*2.5*12mm



6. Dimensions

