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FU-CLI2000-12.6 • Li-ion battery charger



FU-CLI2000-12.6V • Li-ion battery charger

1. Applicable scope

The charger applies for Li-ion battery. The specification describes electric performance, safety, size and cautions.

2. Product electric performance

2.1 Input

AC voltage range	AC90 ~ 264V
Rating AC voltage	AC100 ~ 240V
Frequency	50 ~ 60Hz
No-load input power	≤0.3W
Rating input current	≤1.5Arms
Rating input power	≤56W

2.2 Output

Output voltage range	DC12.45V ~ 12.75V
Rating output voltage (CV)	DC8V-12.6V
Rating output current (CC)	1.8A-2.2A
Apply in the battery	11.1V 3-16AH
Rating output power	≤25.2W
Working power	≥78%
Led RED	Is charging
LIGHT led	Is standby or finished
RED led turns GREEN	0.09A <I<0.25A Vout>12.6V

2.3 Protection characteristics

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 not output voltage, after the charger remove shorted protection, it will working again.

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3. Environment and safety

3.1 Environment

Operate Temp: -10 ~ +40°C

Storage temperature: -40 ~ +70°C

Storage humidity: <+95% RH

Cooling: Natural convection

3.2. Safety

Vibration test: 5mm / 50Hz / 600S

Temp rise: at the natural condition,
<45°C on casing

Working life: ≥30000hrs

ESD: 8.0K

4. Size

