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**FU-CLI2000-8.4** • Li-ion battery charger



## FU-CLI2000-8.4V • 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	≤25W

#### 2.2 Output

Output voltage range	DC8.3V ~ 8.5V
Rating output voltage (CV)	DC5.6V-8.0V
Rating output current (CC)	1.8A-2.2A
Apply in the battery	7.4V 3-16AH
Rating output power	≤18W
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**

