

Technical Specification For Common Camera Li-FeP2o4 Battery Pack Charger

Product Description : Digital Camera Battery Chargers
Product No : 66070
Model No. : Charger for RCR123
Model No. : RCR123A or RCR2



1. Special Features

Structure : Assembled by Charger Base , Charge Plate & AC-Pulg
Function : Constant Current and Constant Voltage Charging For Li-ion Battery

2. Rating

INPUT : 100-220V AC 50Hz
OUTPUT : DC 3.65V 350mA
MAXIMUM TEMPERATURE : 75°C
OPERATION TEMPERATURE : 0~45°C
HUMIDITY : 30%~80%

3. Physical characteristics

Normal size (for reference only): L79.95 x W49.87 x H51.60 mm

4. Electrical characteristics

4.1 Test Conditions:

Input DC : 100V-240V; 50-65Hz; 0.2A(max.)
Temperature : 0-45°C
Relative humidity : 30-80%

4.2 Output voltage without load : 0-3.65V pulse series
4.3 Output voltage with 350mA loading current : $3.65V \pm 0.1V$
4.4 Maximum temperature of casing after 2 hours : $\leq 50^{\circ}C$

of continuous loading of 350A

4.5 Protection Current : $350\text{mA} \pm 50\text{mA}$

5. Mechanical test

5.1 Vibration Test

The charger was vibrated in bi-axial direction with 4mm amplitude of 1000 cycles/minute for 60 minutes in each direction, the charger is observed to be normal.

5.2 Drop Test

The charger was dropped down from the vertical height of 1m onto a flat firm non-yielding surface by a placing downward three times. The charger is observed to be normal.

6.Operation Instructions

1. Plug the charger in a wall outlet.
2. The LED show flashing GREEN when the charger is ready.
3. Insert battery pack into the charger and LED indicator turns RED when charging.
4. When the battery pack is fully charged, the LED indicator turns as below status:
 - (a) Charge for RCR123/RCR2/RCRV3, the LED indicator turns flashing GREEN.
 - (b) Charge for RCRP2/RCR5, the LED indicator turns steady GREEN.
5. "CHARGE" indicator flashes RED and GREEN alternatively when battery pack has been charged to over 90%.
6. After the battery pack fully charged, unplug the charger from power outlet and remove the battery pack.