

Features

- Two bay battery charger
- Compatible with Canon LP-E6/LP-E6N and LP-E8 camera batteries
- Real-time information on battery voltage, charging current, battery temperature, battery level and other parameters
- Monitors battery status and displays battery health
- Reverse polarity protection and anti-short circuit protection
- Automatic adoption for the optimal charging modes between CC and CV
- Automatic termination upon charging completion
- Activates over-discharged batteries with protective circuits
- Compatible with power banks and solar panels
- Made from durable and fire retardant PC and ABS (V0) materials
- Optimal heat dissipation design
- Insured worldwide by Ping An Insurance (Group) Company of China, Ltd.

Specifications

Input:	DC 5V/2A
Output voltage:	Slot 1 (LP-E6/LP-E6N) 8.2V±1% Slot 2 (LP-E8) 8.4V±1%
Output current:	1000mA(MAX)
Interface:	Input: USB Output: Connector
Battery compatibility:	Canon camera batteries (LP-E6/LP-E6N and LP-E8)

LP-E6/LP-E6N compatible models: Canon EOS 5D Mark II, Canon EOS 5D Mark III, Canon EOS 5DS, Canon EOS 5DS R, Canon EOS 6D, Canon EOS 7D, Canon EOS 7D Mark II, Canon EOS 60D, Canon EOS 60Da, Canon EOS 70D, Canon XC10

LP-E8 compatible models: Canon EOS Rebel T2i, Canon EOS Rebel T3i, Canon EOS Rebel T4i, Canon EOS Rebel T5i, Canon EOS 550D, Canon EOS 600D, Canon EOS 650D, Canon EOS 700D, Canon EOS Kiss X4, Canon EOS Kiss X5, Canon EOS Kiss X6

Dimensions:	3.34"×1.96"×0.98" (85mm×50mm×25mm)
Weight:	1.96oz (55.7g)

Operating Instructions

This product is designed specifically for Canon camera's camera's batteries and is compatible with the following types: LP-E6/LP-E6N and LP-E8. The UCN1 supports charging batteries in both slots simultaneously. Output current is adjusted automatically according to input current to reach optimal charging setting. This product shall NOT be used with other batteries not specified in this manual.

Automatic Current Adjustment

The UCN1's actual output current depends on the maximum power supplied from the USB. Output current will get adjusted based on actual power being inputted to the device. The UCN1 is capable of outputting 1000mA, increasing its efficiency while shortening charging duration.

Battery Health Monitoring

Once the battery is inserted, the UCN1 will proceed with a initial low current test charge to diagnose battery status. After the diagnosis, battery status will be shown as Good, Normal or Poor.

Note: Re-insert the battery when "Poor" appears on screen to avoid the odd of poor battery contact, replace the battery if "Poor" comes up on screen consistently.

Reverse Polarity and Anti-Short Circuit Protection

The UCN1 makes use of the mechanical reverse polarity protection. Inserting incompatible batteries or incorrect battery installation will prevent the initiation of the charging process. The error message "EE EE" will come up on the LCD display when a short circuited battery is installed.

Battery Recovery

The UCN1 will attempt to recover over-discharged batteries when inserting in the charging slot. Upon successful battery recovery, the entire battery level indicator will flash to represent that a battery has been successfully recovered.

Note: This feature only works with protected batteries.

Precautions

1. The UCN1 is only compatible with Canon LP-E6/LP-E6N and LP-E8 camera batteries. Do NOT attempt to charge other batteries.
2. Moderate heat from this product is to be expected during the charging process. This is normal.
3. Operating temperature: -10°to 40°C, storage temperature: -20° to 60° C.
4. Carefully read all labels on the device to ensure batteries are installed correctly.
5. Children should be supervised by an adult when using this product.
6. DO NOT leave the product unattended while it is connected to a power supply. Unplug the product at any sign of malfunction and refer to the user manual.
7. Batteries of short lifespan should be replaced as soon as possible.
8. DO NOT expose the device to high temperature or incinerate, avoid using the device in environments where drastic changes in temperature are possible.
9. Store the device in ventilated areas. DO NOT use the device in moist environment and keep away from any combustible materials.
10. Avoid any shock or impact to the device.
11. DO NOT place any conductive or metal object in the device to avoid short-circuiting and explosions.
12. Unplug the device when it is not in use.
13. DO NOT disassemble or modify the device as doing so will render the product warranty invalid. Please refer to the warranty section in the manual for complete warranty information.

Disclaimer

This product is globally insured by Ping An Insurance (Group) Company of China, Ltd. Nitecore shall not be held responsible or liable for any loss, damage or claim of any kind incurred as a result of the failure to obey the instructions provided in this user manual.

Warranty Details

Our authorized dealers and distributors are responsible for warranty service. Should any problem covered under warranty occurs, customers can contact their dealers or distributors in regards to their warranty claims, as long as the product was purchased from an authorized dealer or distributor. NITECORE's Warranty is provided only for products purchased from an authorized source. This applies to all NITECORE products.

Any DOA / defective product can be exchanged for a replacement through a local distributor/dealer within the 15 days of purchase. After 15 days, all defective / malfunctioning NITECORE® products can be repaired free of charge for a period of 12 months (1 year) from the date of purchase. Beyond 12 months (1 year), a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

The warranty is nullified if the product(s) is/are

1. broken down, reconstructed and/or modified by unauthorized parties
2. damaged from wrong operations (i.e. reverse polarity installation, installation of non-rechargeable batteries), or
3. damaged by batteries leakage.

For the latest information on NITECORE® products and services, please contact our local NITECORE® distributor or send an email to service@nitecore.com.

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Validation code and QR code on package can be verified on Nitecore website.



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