



POWERPAL

SCN5000



Solmeta Technology Co., Ltd

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Caution

- It is better to charge the PowerPal device indoors at the ambient temperatures between 5 °C (41 °F) and 35 °C (95 °F).
- Do not use the PowerPal device at the ambient temperature below 0 °C (32 °F) or above 40 °C (104 °F). Failure to observe this precaution could damage the internal battery pack or make the performance of the device suffered.
- Do not leave the PowerPal in a car with a direct sunlight in summer. It is dangerous for the internal battery pack.
- Keep the PowerPal always in a safe place. Do not drop. The product may malfunction if subjected to strong shocks or vibration.

Introduction

Thank you for your purchase of the Solmeta **PowerPal**. The **PowerPal** provides photographers with a backup power for recharging the battery of a DSLR camera and other USB-charged devices. It is a great tool for photographers on the move and working to remote environments. The **PowerPal** can recharge the camera's battery and other 5V USB-charged device in all situations where an AC power source is not available.

Be sure to read this manual thoroughly before use.

Features

- **Recharge the camera battery in situations where an AC power source is not available.**
- **2 USB output ports allow 2 USB-charged devices to be charged at the same time, the maximum output current arrives 5A.**
- **Built in 6 SANYO high capacity Li-ion rechargeable cells with 58 WH capacity.**
- **A hardware power button can switch the built in Li-Ion cells to online/offline.**
- **Universal AC 100-240V input, for use worldwide without any voltage convertors.**
- **DC 12V car cigarette light input.**
- **There are ample LED lights indicate every state of input and output, recharging and discharging.**

Suitability

Model	Camera battery	Compatible camera
SCN5000-E6	LP-E6	Canon EOS 5D Mark III/5D Mark II/EOS 6D/EOS 7D Mark II /EOS 7D/EOS 70D/EOS 60D/EOS 60Da
SCN5000-EL15	EN-EL15	Nikon D810/D800/D800E/D750/D610/D600/D7100/D7000 /V1
SCN5000-EL14	EN-EL14 EN-EL14a	Nikon 5200/D5100/D3200/D3100 COOLPIX P7800/P7700/P7100/P7000 Nikon Df/D5300/D3300
SCN5000-EL3e	EN-EL3e	Nikon D700/D300s/D300/D200/D90/D80/D70s /D70/D50
SCN5000-E8	LP-E8	Canon EOS 700D/EOS 650D/EOS 600D/EOS 550D

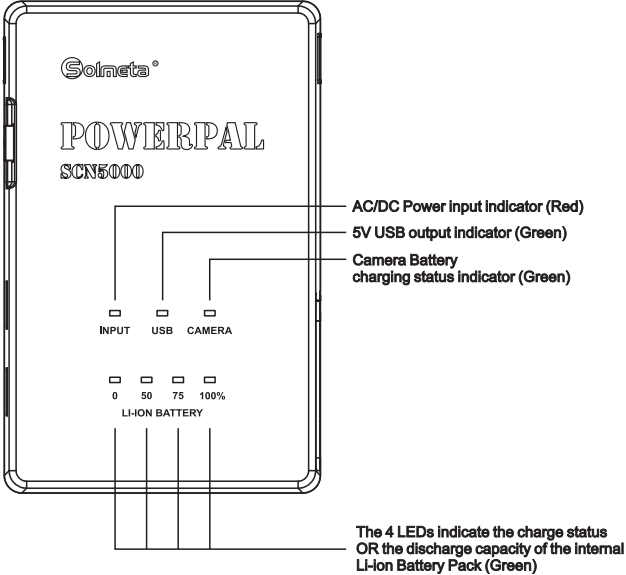
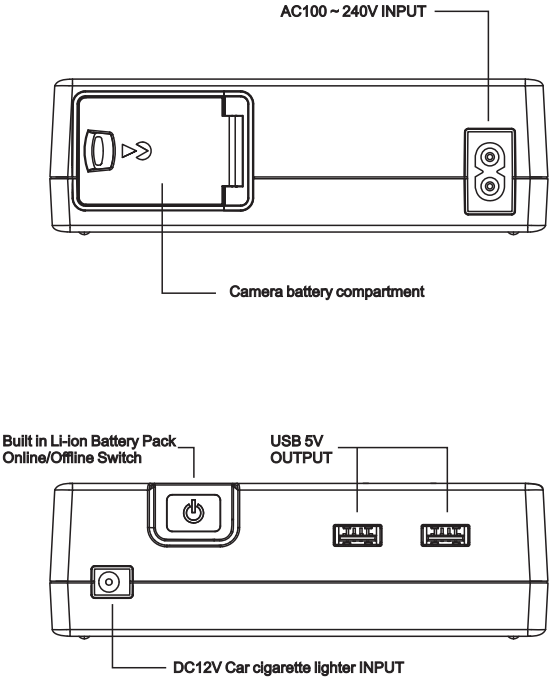
Note: Please refer to our website for the most current information.

Items in the box

Confirm that the package contains the following items:

PowerPal unit
AC charge cord
DC 12V car cigarette-lighter adapter
Manual
Storage bag

Product view



Operation

Charge the internal battery pack

1. Connect the **PowerPal** to an AC power source via the AC power cord, or connect the **PowerPal** to a 12 V car cigarette lighter via the cigarette-lighter adapter, now you can see "INPUT" red LED light.

2. Press down the power switch. The 4 green LEDs "LI-ION BATTERY" will indicate the charge level of the internal battery pack.

Charge Level	LED status
0-24%	The first LED blinks
25-49%	The first LED lights up, the second LED blinks
50-74%	The first and the second LEDs light up, the third LED blinks
75% or higher	The first, the second and the third LEDs light up, the fourth LED blinks
Fully charged	The 4 LEDs light up

NOTE: When the internal battery pack is charged by either an AC power source or a DC 12V cigarette-lighter, you can also charge the camera battery and the USB-charged devices at the same time.

Charge the camera battery and other USB-charged device via the Internal battery pack or ACDC/power

1. Open the cover and insert the camera battery into the battery compartment, and close the cover. Or connect a USB-charged device to the **PowerPal** device via an USB cable.

2. Press down the power switch. The internal battery pack will provide power to the camera battery and the 2 USB 5V outputs simultaneously. Thus the camera battery and 2 USB-charged devices can be recharged at the same time.

3. NOTE: If the discharge capacity level of the internal battery pack is less than 50%, the internal battery pack only provides power to the camera battery. In this situation, the 2 USB 5V outputs will be automatically OFF and USB-charged devices cannot be recharged.

4. When the Power switch is pushed Up (Offline), the internal battery pack doesn't work. In this situation, the camera battery and USB-charged devices can be recharged only via AC power source or a DC 12V car cigarette-lighter.

LED indications

"INPUT"

The red LED indicates that an AC power source input or a DC 12V cigarette-lighter power input.

"USB"

The green LED is lit to indicate that the device is providing 5V DC output to a USB device.

The LED will automatically turn OFF in 3-5 seconds when the USB-charged device is fully charged or removed.

"CAMERA"

The green LED indicates the charge Level of the camera battery.

Charge Level	LED status
0-49%	Green blinks once per second
50-74%	Green blinks twice per second
75% or higher	Green blinks three times per second
Fully charged	Green lights up

"LI-ION BATTERY"

The 4 green LEDs indicate the charge status or the discharge capacity level of the internal battery pack.

Charge Level	LED status
0-24%	The first LED blinks
25-49%	The first LED lights up, the second blinks
50-74%	The first and the second LEDs light up, the third blinks
75% or higher	The first, the second, and the third LEDs light up, the fourth green blinks
Fully charged	The 4 LEDs light up

Available Capacity	LED status
More than 75%	The 4 LEDs light up
51-75%	The first, the second, and the third LEDs light up
25-50%	The first and the second LEDs light up
11-24%	The first LED lights up
Less than 10%	The first LED blinks

Specification

Built in Battery Pack: SANYO rechargeable Li-ion battery

2600mAh x 6 Cells

Capacity: 58 Watt-Hours

AC INPUT: 100V-240V / 50-60Hz / MAX 1.0A

DC INPUT: 12-19V / MAX 3.0A from Cigarette Lighter

OUTPUT: 8.4V / 1.1A (MAX for charging camera battery)

5V x 2 USB ports / 5A(Total MAX)

Dimensions (W X H X D): 90.0×140.0×44.0 mm /3.54x5.51x1.73 inch

Weight: 530 g / 18.7 OZ(Body only)

Working temperature range: 0 – +40 °C / +32 – - 104 °F

Working humidity range: Less than 85% (no condensation)

Warranty

- Solmeta Tech. Ltd. Provides two different periods warranty for the PowerPal device.
13 months warranty from the date of original purchase for the completely machine.
7 months warranty from the date of original purchase for the internal battery pack.
- Solmeta Technology will repair or replace the product free of charge if defective. Please keep your original invoice as proof of purchase.
- Customers are required to contact Solmeta Technology by e-mail (info@solmeta.com) for troubleshooting issues before returning the product.
- Customers are responsible for shipping and insurance charges for returning the product to Solmeta Technology.

Contact/Service

If you have any questions or need help with our products, please do not hesitate to get in touch with our Technical Service. You can reach our service people by phone from Monday through Friday from 9:00 am to 5:00 pm. You can also get in touch by e-mail.

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