

Godox

PB 960

PROPAC

POWER SOURCE FOR FLASH



Thank you for choosing GODOX PB960 power pack

- As a professional power supply product, GODOX PB960 power pack is designed to charge speedlites with external power input ports, including on-camera flashes from Canon, Nikon, Sony, and Godox, etc.
- With Godox PB960 power pack, it takes only one second to charge flashes such as Canon 580 EX II, Nikon SB-900, and Sony F58AM at max. power. It can provide up to 1800 full-power flashes with a Canon 580EX II or Nikon SB-900.

Flashes mentioned above can be used on PB960 by replacing a plug-in connector cable. In addition, it can charge iPhone, iPad, iPod and other products with a USB interface.

- With the MCU (Micro-Controller Unit), this product integrates software protection and hardware protection and adopts heat-resistant nylon plastics, ensuring higher safety and reliability.

This product features

- Large-capacity lithium battery (11.1V/4500mAH), which can provide up to 1800 full-power flashes with a Canon 580EX II or Nikon SB-900.
- Dual outputs for powering two separate flashes without reducing recycle time
- Removable and replaceable battery module. Double your flash capacity by purchasing a second module.
- Concise LED display panel, easy and fast to control
- Optimized MCU circuit design, more efficient energy conversion and more flashes.

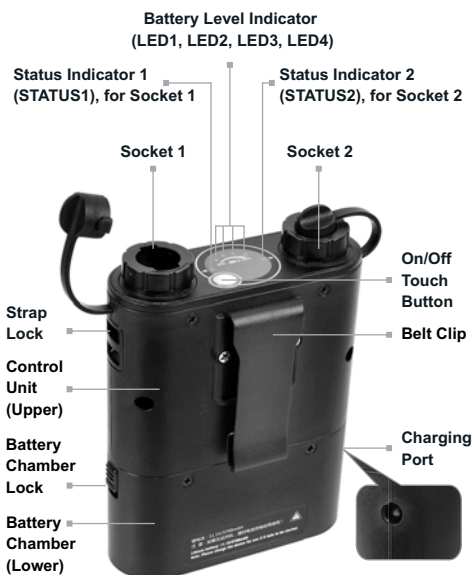
Warning

- ⚠ There are high-voltage components inside the product. Do not carry out disassembly or maintenance by yourself, or electric shock may occur.
- ⚠ Keep out of the reach of children.
- ⚠ Please do not touch the metal part of the plug and the socket.
- ⚠ Please do not use this product under flammable conditions (such as areas containing flammable gases or liquid chemicals), or it may result in fire disaster.
- ⚠ Make sure all plugs and sockets are reliably and firmly connected.

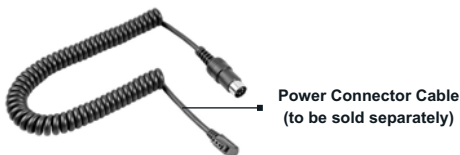
Caution

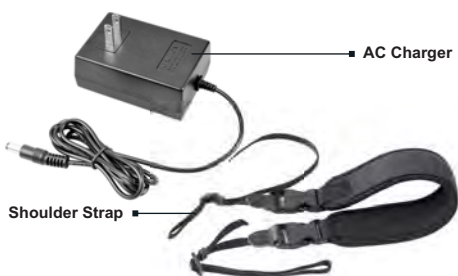
- ⚠ This product is not water resistant. Please keep it away from rain, snow or humidity.
- ⚠ Please do not leave or use this product at a temperature of above 40°C (104°F).
- ⚠ Since this product has a much higher power output than the ordinary built-in battery of the flash, the flash may be damaged when used at high frequency and high power. To avoid overheating of the flash, please allow a break of about 10 minutes after 40 continuous full-power flashes.
- ⚠ Only when this product is at power-off status, can the plug be inserted or removed.

I.Names of Parts



• **Accessories**

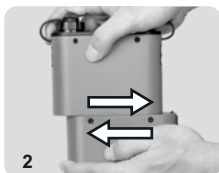




II. Loading/Unloading Battery Chamber

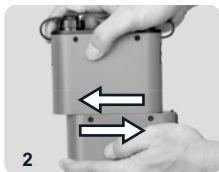
• Loading:

1. Clasp the control unit with the battery chamber;
2. Slide the battery chamber to the left until it locks into place with a “click”.



• Unloading:

1. Slide the battery chamber lock downwards;
2. Slide the battery chamber to the right.



III. Battery Charging

- Insert one end of the AC charger into an AC socket (100-240V) and the other end into the charging port of the power pack. If the charger indicator turns red, the battery is being charged. If the charger indicator turns green, the battery is fully charged. It takes about 3 hours to fully charge the battery.

IV. Operations

(i) Start-up



- Select a connector cable that is compatible with your product.

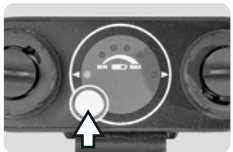
- Connect the power plug of the connector cable to socket 1 or 2 of the power pack.



- Insert the terminal of the connector cable into the flash.



- Press the On/Off touch button, and the LED battery level indicators light up, indicating the power pack starts working.



Note: If this product is used for a flash, the flash must be installed with batteries that have sufficient power.

(ii)Power-off

- Turn the power pack off by pressing the On/Off touch button.
- Turn off the power pack by directly unplugging the connector cable from the power pack.

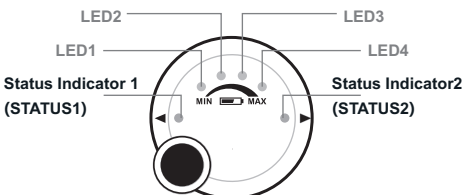
V.Power Pack Status

- Power-off status: There is no LED indication, and no power output from socket 1 or 2. Energy consumption of the entire unit is so low that the loss of battery power can be ignored.
- Testing status: When the connector cable is not inserted into socket 1 or 2, press the On/Off test button, and only the battery level indicators light up, indicating the power pack enters into the testing mode. Press the On/Off touch button again or wait for 3 seconds to return to the power-off status.
- Working status: Insert the connector cable into socket 1 or 2 and press the On/Off touch button, and the LED indicators light up, indicating the power pack enters into the working status. Press the On/Off touch button again or unplug the connector cable from socket 1 or 2 to enter the power-off status.

* Automatic Power-off Function: The power pack will be automatically powered off after working for twelve hours, in case shutdown is missed, leading to long-time power consumption.

VI.LED Indicators

1.Battery Level Indicators: LED1, LED2, LED3, LED4



LED Battery level	LED1	LED2	LED3	LED4
Weak	Flicker	OFF	OFF	OFF
Low	ON	OFF	OFF	OFF
Middle	ON	ON	OFF	OFF
To be full	ON	ON	ON	OFF
Full	ON	ON	ON	ON

- Please timely charge the battery according to the indication of the LEDs.
- When LED1 is blinking, this product will disable power output; the battery needs immediate charging before it can be used again.



Note: Please charge the device for use if it cannot be powered on.

2.Status Indicators: STATUS1, STATUS2

- STATUS1/STATUS2 is off during flash charging and will light up when the flash is fully charged.
- STATUS1/STATUS2 blinks (blinking cycle: 1Hz), indicating that the flash has been overused. In case of excessively high temperature inside the power pack, the overheat protection will be enabled with the power output suspended. Please wait for at least 10 minutes before using it again.

VII.Working Performance

- With GODOX PB960 power pack, it takes only one second to charge Canon 580EX II, Nikon SB900, Sony F58AM flashes at maximum power, and 1800 times of flashes in full brightness is supported.

VIII.Technical Data

Battery pack	Lithium battery-11.1V/4500mAH
Battery charging time	Approx. 3 hours
Flash recycling time	Approx. 1s (at full power)
Number of Flashes	Approx. 1800 times (for one Canon 580EX II at full power)
Dimension	159*133.5*49.2MM
Weight	540G

IX. Maintenance

- If the battery of the power pack requires replacement, please contact a professional service outlet to replace it with a new tailor-made battery supplied by GODOX.
- Damage due to unauthorized disassembling of the power pack is not covered by the warranty.
- Damage due to operations violating the instructions in this Instruction Manual is not covered by the warranty.