



**Green Lion**

**SOLAR FLEX**

**20000 mAh Power Bank**

SKU: GNSOFLX20PBK  
Model No : GL-PX81

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Before using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

## Overview

The Green Lion Solar Flex 20000mAh Power Bank is a rugged, outdoor-ready charger with solar charging capabilities. It features a built-in compass, multi-functional LED light, and wireless charging up to 15W. With IP65 dust and water resistance, multiple output ports, and a protective port enclosure, it's perfect for outdoor adventures.

## Product Features

1. **Wireless Charger Output:** Wireless charging transmitter
2. **Durable Construction:** Rainproof, shockproof, and dustproof
3. **Multi-Functional LED Lights:** The LED flashlight serves as a perfect outdoor companion, offering lighting, flashing, and SOS modes to guide you through darkness and emergencies.
4. **Dual USB Output & Inputs:** 2 USB outputs, 1 Type-C input port, and 1 Micro USB input port. The power bank can charge two devices simultaneously.
5. **Safe Use:** Includes short-circuit protection, over-discharge protection, and overcharging protection, all designed within the PCB.
6. **Magnetic Suction Charging:** Convenient wireless charging with magnetic suction for easy use.

**Note:** Qi wireless charging standard, supports all devices with built-in wireless charging. (If your phone does not support wireless charging, please use an external wireless receiver.)

## Specifications

Model No	GL-PX81
Material	TPU + Silicone + PU
Battery Capacity	20000mAh
Solar Input	5.5V / 1.3W
Micro USB Input	5V/3A, 9V/2A
USB-C Input/Output	5V/3A, 9V/2.22A, 12V/1.67A ( 20W Max )
USB-A1/A2 Output	5V/3A, 9V/2A, 10V/2.25A, 12V/1.5A ( 22.5W Max )
Sharing Output	5V/2A
Wireless Output	15W Max
Product Weight	496 g
Product Dimension	32 × 80 × 164 mm

## Package Contents

Micro USB Charging Cable

Power Bank



## Instructions

### A. Charging via Solar Panel

To collect and store solar power to the Solar Charger's internal battery:

**1.** Place the Solar Charger in direct sunlight, ensuring the embedded solar panel is facing the sun.

**2.** The solar power LED indicator light will glow solid green while charging under sunlight and will turn blue when the Solar Charger is fully charged.

**Note:** Kindly note that the solar panel is designed for emergency charging. It should not be the primary source of charging. Prolonged exposure to the burning sun may damage the solar panel.

**Note:** The blue LED will be on when using wireless charging mode.

## **B. Charging via Cable**

**1.** Connect the Power Bank to a charger with the provided USB charging cable or your own Type-C cable, then connect the charger to a power source. The Power Bank will be charged automatically.

**2.** Please use a charger with output voltage between  $5V \pm 5.5V$  to charge the Power Bank.

**Notice:** The power bank cannot charge and discharge simultaneously. If the power bank is being charged, it should not be powering any devices at the same time. Additionally, the Micro USB and Type-C inputs cannot be used for charging simultaneously.

## **C. Battery Charging Status**

The charging status of the battery is indicated by 4 LED light indicators as follows

## **D. Charging Other Devices**

To charge your device, simply connect it to the power bank using the provided charging cable. The power bank will automatically begin charging your device. If no device is connected, the power bank will automatically power off after 30 seconds.

● Solid Blue

Charging Status LED Indicators	0%~25%	25%~50%	50%~75%	75%~99%	100%
2st	Flashing Blue	●	●	●	●
3rd	OFF	Flashing Blue	●	●	●
4rd	OFF	OFF	Flashing Blue	●	●
5th	OFF	OFF	OFF	Flashing Blue	●

**Note:** The power bank must be fully charged to charge two devices simultaneously. All four LED indicators will remain illuminated once the power bank is fully charged.

**LED1:** Green solar indicator

**LED2:** Blue wireless charging lamp

**LED3:** Micro/USB-C charging indicator

**LED4 & LED5:** Power indicators that blink once when power is detected, with one lamp flashing at a time.

### E. Operating the LED Flashlight:

**1.** To turn on the Emergency LED Flashlight: Double press the power button to activate the LED flashlight.

**2.** To turn on the Caution Light: After completing step 1, press the power button once to switch the Caution Light on.

**3.** To turn on the SOS Signal Light: After completing step 2, press the power button once again to activate the SOS Signal Light.

**4.** To turn off the LED Flashlight: Double press the power button to turn off the LED flashlight.

## Safety instructions

1. Charging times are approximate; actual times may vary.
2. This power bank uses a high-quality A-grade Li-polymer battery for reliable performance.
3. Use the provided charging cable that matches your device.
4. Slight heating during charging and discharging is normal.
5. Store in a cool, dry place. Fully charge every 6 months if not in use for long periods.
6. Use a 5V-2A charger to ensure optimal performance.
7. Avoid contact with metal objects to prevent scratches and damage.
8. Do not leave the power bank in your car, as high temperatures can damage the battery.

## Warning

1. DO NOT attempt to open or dismantle the product.
2. DO NOT expose the power bank to flames or extreme heat.
3. DO NOT apply pressure or stand on the power bank.
4. DO NOT allow children to use the power bank.
5. When charging in high temperatures, ensure the device is not exposed to direct sunlight for extended periods, as the charger's maximum temperature is 45°C (113°F).
6. Stop using the power bank if it expands or breaks down, and contact your local distributor.
7. This power bank should only be used under the supervision of a professional by individuals who are physically and mentally capable. It is not suitable for people with physical impairments, lack of operating experience, or insufficient understanding of the product.



## Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

## Warranty

Products that you buy directly from our **Green Lion** website or shop come with a 24-month warranty.

When you buy **Green Lion** products from any of our approved sellers, you only get a 12-month warranty. If you want to extend this warranty, go to our website at <https://www.greenlion.net/warranty> and fill out the form with your information. Don't forget to upload a picture of the product too. After we've checked and accepted your request, we'll send you an email to confirm that your product's warranty has been extended.

For more info, please check:

<https://www.greenlion.net/warranty>

## Contact Us

If you have any questions about this Privacy Policy, please contact us at:

Website: <https://www.greenlion.net/>

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