

Renogy 97Wh Power Bank

User Manual



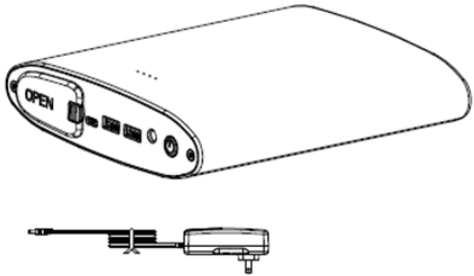
SPECIFICATION

Battery	18650 Lithium-ion battery Nominal Voltage: 14.52V Rated Capacity: 6700mAh, 97.28Wh
Input (AC Adaptor)	18V/ 2A
Input (Car Charger)	11V-14.5V / 2A (max)
Input (Solar Panel)	12V-24V / 10W (min)
Input (USB-C port)	PD: 5V/3A, 12V/2A, 14.5V/2A, 20V/1.45A Non-PD: 5V
Output	AC: 110V, 60Hz, 100W, 120W(peak) QC 3.0: 3.6-6.5V/3A, 6.5-9V/2A, 9-12V/1.5A Type-C PD: 5V/3A, 12V/2A, 14.5V/2A, 20V/14.5A Type-C Non-PD: 5V/3A
Working Temperature	23 ~ 104 °F / -5°C ~ 40°C
Charging Temperature	32 ~ 113 °F/ 0°C ~ 45°C
Dimension	7.3 * 6.4 * 1.6 inches
Weight	2.3 lbs.
AC Adaptor	Input: 100-240V, 50/60 Hz, 1.3AAC Output: 18V±2A
DC port size	2.1mm x 5.5mm

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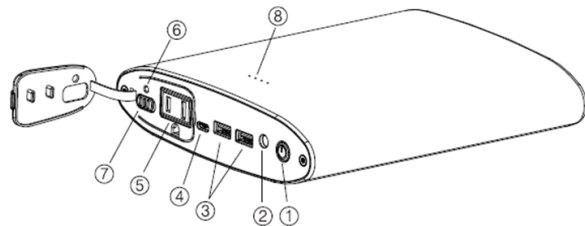
Package Includes

1. Power Bank
2. AC Adaptor



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Overview



- ① Power Button

③ USB Output Port(QC3.0)

⑤ AC Output Port

⑦ AC Output Switch
- ② DC Input Port

④ Type-C Port(PD-Output & Input)

⑥ AC Output Indicator

⑧ Battery Status Indicator

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LED BATTERY STATUS INDICATOR

Press the power button once to turn on the LED battery indicator. The power bank's current charge capacity can be determined by the lights. Each blinking light represents 25% of the battery's charge. The power bank is fully charged once the lights are no longer blinking.

First light: < 25% charged
Second light: 25%~50% charged
Third light: 50%~75% charged
Fourth light: 75%~99% charged

Please charge the power bank when the battery level is below than 25%.
Over-discharging may damage the battery's lifespan.

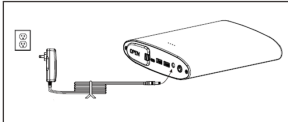
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CHARGING THE POWER BANK

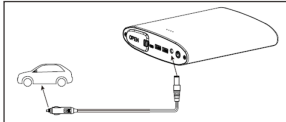
Warning

Please DO NOT charge and discharge at the same time as it could damage the battery and decrease its lifespan.
When not using original or authorized charging cables, the four LED indicators will flash at the same time, indicating that the voltage and current are not compatible with the power bank.
The DC port is 2.1mm x 5.5mm.

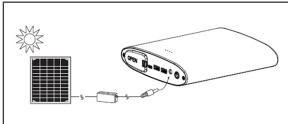
1.AC Adaptor



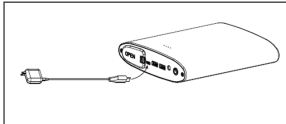
2.12V Auto Port (cable not included)



3.Solar Panel (cable not included)

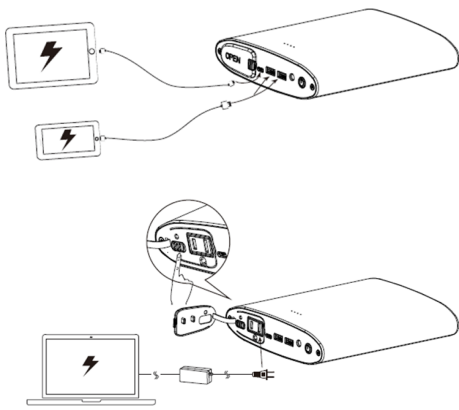


4.USB-C port (cable not included)



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CHARGE OTHER DEVICES



Note

1. The AC output and USB-C port cannot be used simultaneously.
- 2.If your devices cannot be recognized by the USB-C port, long press the power button to turn on the 5V/3A output manually.(This function will automatically turn off if no device is connected within 15 seconds.)
- 3.If the four indicators are flashing, please stop charging your devices.
- 4.The power bank uses a modified sine wave and its AC output is compatible with devices under 100W.
- 5.If the AC output indicator light is red, please stop using the AC appliance.

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TROUBLESHOOTING

Status				Cause	Solution
Battery Indicators	DC Output	AC Output Indicator	AC Output		
One indicator flashing	Working	Red light	Off	Battery level is low	Charge the power bank until at least one battery indicator is solid.
One indicator flashes twice, then turns off	Off	Red light for 5 seconds then lights off	Off	Battery over-discharge protection	
All 4 indicators are flashing	—	—	—	DC input port is over-voltage	Unplug the charger and press the power button once to recover.
All 4 indicators are off	—	—	—	DC input port's voltage is too low	
All 4 indicators are flashing	USB output off	Working	Working	USB ports output voltage/current is too high/low, or short-circuit protection is active	Unplug the USB cable and press the power button once to recover.
All 4 indicators are flashing	USB-C output off	—	—	USB-C's output voltage/current is too high/low, or short-circuit protection is active	Unplug the USB -C cable and press the power button once to recover.
—	Working	Red	Off	AC output's voltage/current is too high/low, or short-circuit protection is active	Unplug the AC cable and turn off the power bank's AC using the switch. Then turn it on to recover.

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CAUTION

To prevent the power bank from capacity decrease, please unplug the AC adaptor after the power bank is fully charged.
Keep the product away from extreme heat or cold, as well as any flammable materials or damp places.
Run a full charge / discharge cycle every four months to prevent decreasing battery lifespan.
When not using the power bank, it is recommended to store it at 50% battery capacity.
Avoid charging and discharging at the same time. It could damage the battery and decrease its lifespan.
Using the power bank in temperatures below 32°F or above 104°F is not recommended as it might cause irreversible damage to the battery.
If any water or liquid spills on the device while using, PLEASE UNPLUG the device.
Clean the device and wait until the device is completely dry before using again.

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Renogy reserves the right to change the contents of this manual without notice.

