

Mobile Power Pack VT-PP-320 Manual

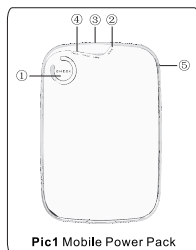
Thank you for purchasing Variotek Mobile Power Pack, a high-capacity rechargeable battery. Please read the following carefully before using the product and be sure to keep this manual in a safe place for future reference.

Safety Precautions

- Do not expose the product to fire, sunshine or other heat sources, as such exposure may result in burning, explosion, and/or generation of toxic gas.
- Do not make the USB port short circuit.
- Do not store or transport the product with metal objects.
- Do not disassemble or modify the product.
- Do not bring the product into contact with water or any other liquid. If liquid enters the product, immediately unplug the product from any connected power sources or devices.
- Do not use the power pack if electrolytic liquid leakage, strange odor, overheating, color change or any other peculiar occurrence is detected.
- Do not use the product above 60°C (140°F). It is best to use the Mobile Power Pack between 10°C and 35°C.

Product Introduction

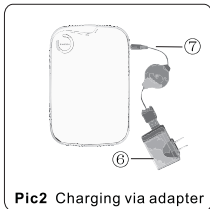
A. Components: Mobile Power Pack (pic1), Adapter (⑥), Cable (⑦), Connectors (⑧).



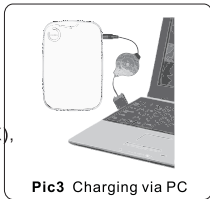
- ① Switch
- ② Capacity Indicator
- ③ Output Port
- ④ Working Indicator
- ⑤ Input Port

B. Main Parameter:

Battery type	Polymer Lithium-ion battery
Cycle life	500 cycles
Nominal in-put	DC 5V/1000mA
Nominal out-put	DC 5V /600mA
Capacity	18.5Wh
Dimension	99 x 72 x 18mm
Weight	140g
Using Temperature	-10°C ~ 45°C
Components	Mobile Power-Pack
	AC Adapter
	Retractable USB Cable
	Users Manual
Connectors:	Mini-USB, Micro-USB, Apple, NOKIA (2X), Samsung, LG, Motorola, Sony Ericsson, Nintendo, Digital Camera
Charging time	About 7 hours



Pic2 Charging via adapter



Pic3 Charging via PC

Operating Guidance

1. Charging Mobile Power Pack

- Charging via Adapter: a complete adapter consists of an adapter (⑥) and a cable (⑦). Plug the cable into the adapter to assemble the complete adapter. Please refer to pic2. Insert the output end of the cable into the input port of the power-pack and plug the adapter into a wall outlet to charge the power-pack.
- Charging via PC: connect the input end of the Mobile Power Pack and the USB port of a computer with the cable to charge the Mobile Power Pack.
- When the power-pack is being charged, the capacity indication light will flash. When the power-pack is fully charged, all the lights will stop flash.

2. How to use and preventing self-discharge

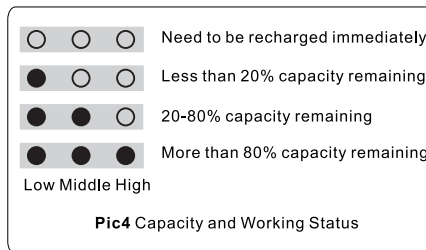
- Press down the On/Off button 3 seconds to turn on or off the product.
- Turn on the product before using the product to charge your devices.
- Turn off the product when the product is not being used. It can lower the self-discharge rate.

3. Checking the capacity and the working status

- Turn on the product to check the remained power in the product, and you can see Low→High from the Capacity Indicator.
- The working light (Use) will be on when the product charge mobile devices. Pic 4 describes the capacity remained in the product and the working status.

4. Charging your mobile devices

- Check the remained capacity of the power-pack. If the capacity is low, please charge it as indicated in step 1 before proceeding the following steps.
 - Select the proper connector (⑧) for your mobile device.
 - Do the connection: Connect the connector to the cable, insert the connector into your mobile device, and plug the cable into the output port of the power-pack (refer to Pic5).
 - Once the proper connections have been done, the power-pack will begin to charge your mobile device accordingly, the working indicator (Use) will turn on and your device will display that it is being charged.
- Note: If you have a USB cable, with which you can charge your mobile device from computer USB port, you also can charge the device from power-pack with it..**



Attention in using

- Be sure to select the proper connector in order to prevent damage.
- Do not connect the Mobile Power Pack to a device and do not attempt to supply power to a device while power-pack is being recharged.
- Do not leave any cable plugged into the Mobile Power Pack except when it is being recharged or except when it is supplying power to a device.
- Use only the special adapter that is supplied with the product. Do not use any other adapters, as this may be dangerous to you, other devices and the product.

Storage and Maintenance

- If your Mobile Power Pack will not be used for an extended period of time, please take the following steps once a year to ensure proper function:
 - Charge the Mobile Power Pack;
 - Discharge the Mobile Power Pack by using it to supply power to a mobile device;
 - Recharge the Mobile Power Pack for 1.5 hrs;
 - Store the power cable in a cool, dry place to avoid short-circuit and damaging the product.
- Do not expose the Mobile Power Pack to above 60°C or high humidity to avoid short circuit and battery damage.
- Dispose the power pack properly. Do not dispose it in trash receptacles and do not attempt to incinerate it.

Troubleshooting

If you are experiencing difficulties with your Mobile Power Pack:

- Check the following items in the table to find a possible cause and solution.
- If you are still unable to solve the problem, consult your Mobile Power Pack dealer or service station.

Problems	Possible Causes	Corrective Actions
The power-pack cannot be fully charged even after being recharged for a long while.	1.The charging time is not enough. 2. The power-pack or the adapters fails	1. Charge the power-pack for about 4 hours 2. Contact your retailer
The power remained in the power-pack cannot be read	1.Capacity is used up 2.The or capacity indicators is broken 3.The power-pack is broken	1.Recharge the power-pack 2-3.Contact your retailer
The power-pack fails to supply power to devices	1.The capacity is very low 2. Poor connection between components 3. Improper connector 4.The power-pack doesn't charge certain devices.	1.Recharge the power-pack 2.Reconnect, or replace the cable and/or connector 3.Select proper connector 4.Contact your retailer
A device cannot be fully charged by the power-pack	Capacity is used up	Recharge the power-pack
The power-pack stops working suddenly, and/or the capacity indicator turn off even though there is some capacity.	The power-pack may be overloaded, but is not likely to be damaged.	Recharge to activate the power-pack

Contact Information