

POWEROAK



PowerOak K2

Laptop Powerbank

ATTENTION:

Strictly follow this user manual and pay close attention to all warnings.
Please DO NOT operate before reading this USER MANUAL.

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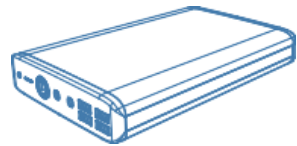
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Product Parameters

Battery:	Li-Polymer battery
Capacity:	50000mAh
Charger input:	AC 100V~230V
Input:	DC 16.8V/2.5A
Output:	USB1&2: 5V/2.1A USB3&4: 5V/1.0A DC1: 12.0V/3.0A DC2: 20.0V/5.0A
Charging time:	6~8 hours
Cycle life	≥1000 times
Working temperature:	0°C~45°C
Storage temperature:	-10°C~40°C
Product size:	206.9×136×33mm

Product Accessory

Laptop power bank:	X	1
AC charger:	X	1
USB cable:	X	1
DC Adaptor:	X	1
Laptop charge connector:	X	14
Multifunction bag:	X	1
Manual:	X	1



Safety Guidelines

- Please check the charging voltage of your laptop first, make sure the charging voltage is consistent with the output voltage of the K2 power bank. Do not mix up DC 12V and DC 20V output voltage, otherwise wrongly operation may cause damage to your device.
- Please charge the K2 power bank with our attached original adapter.
- Prohibit using in bathrooms or damp places or other places easy access to water.
- Keep the product out of children's reach.
- Don't make the reverse connection of the output and input port.

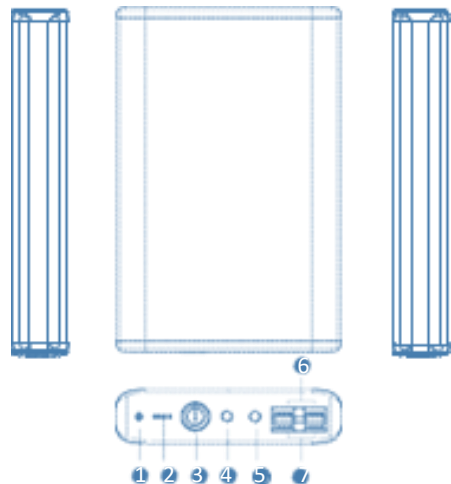
- Don't put this product into fire.
- Don't use this product in high-temperature environment (above 60°C)
- Please don't bump/beat/shake the product, otherwise, the internal circuit may get damaged.
- Don't charge or use this product in the inflammable environment.
- Only professional technicians or designated maintenance agencies are allowed to disassemble or repair this product.
- Unauthorized disassembling or repair may lead to damage and danger.
- Please make sure the charging voltage of the digital devices matches the output voltage port of K2 when charging for digital devices such as cellphone/laptop/DV.



Product Overview

Product Standard: GB31241-2014

- 1 Charging Port
- 2 Capacity indicators
- 3 On-off function button
- 4 Output port: 20.0V/5A
- 5 Output port: 12.0V/2.5A
- 6 Output port: USB1 5V/2.1A
USB2 5V/2.1A
- 7 Output port: USB3 5V/1A
USB4 5V/1A



Charging K2

AC Charger

Put DC output connector of the AC charger into K2's input port, and connect to the wall AC outlet.



Product Characters

1. Support charging and discharging at the same time.
2. Press ON-button: fast turn on, LED indicates the remaining power.
3. Press OFF-button: stay 2s for power off.
4. Auto turns off: K2 turns off automatically in the 30s if no load.
5. LED lights in discharging status
 - 0-25%: LED1 lighting
 - 25%-50%: LED1, LED2 lighting
 - 50%-75%: LED1, LED2, LED3 lighting
 - 75%-100%: LED1, LED2, LED3, LED4 lighting
 - Low voltage alarm: LED 1 flashing
6. LED lights in charging status
 - 0-25%: LED1 flashing
 - 25%-50%: LED1 lighting, LED2 flashing
 - 50%-75%: LED1, LED2 lighting, LED3 flashing
 - 75%-99%: LED1, LED2, LED3 lighting, LED4 flashing
 - 100%fully charged: LED1, LED2, LED3, LED4 lighting

All LED indicators light off when charging cable is disconnected.

Other Multi-functional Applications

Charging for mobile phone/laptop/other digital electronic products.

1. K2 supports all USB charging digital electronic products. You can use your own USB cables for charging.
2. Slightly press the on-off button after connecting well, K2 starts charging. K2 will power off automatically in the 30s if charging cable is disconnected.



Charging for laptop

1. Never mix up DC12V and DC20V output
2. We configure 10 different laptop connectors for K2 power bank,
3. Please check the input voltage of your laptop carefully to choose the appropriate output port before charging your laptop.
4. Slightly press the on-off button after the connection, K2 starts please choose an appropriate one for charging your laptop. charging; K2 will power off automatically in the 30s if charging cable is disconnected.














Charging for other digital devices

1. Never mix up DC12V and DC20V output.
2. K2 offers DC12V/2.5A power for other digital devices, such as a digital camera.
3. Slightly press the on-off button after the connection, K2 starts charging; K2 will power off automatically in the 30s if charging cable



Laptop Adapter List

NO.	Specification (mm)	Picture	Applicable Laptop	Applicable laptop
1	6.0/1.4		FUJITSU16V3.36A FUJITSU16V3.75A FUJITSU19V3.16A	FUJITSU
			SONY16V3.75A/4A SONY19.5V2.15A/ 4.7A/5.13A SONY19.5V3A/4.1A /6.15A SONY19V3.16A	SONY
2	5.5/2.5		ACER19V3.42A/ 4.74A/7.1A ACER19V7.3A/ 7.7A/7.9A	Acer
			ASUS19V3.42	ASUS
			IBM16V3.5A/3.36A IBM16V4.5A/4.2A	IBM
3	5.5/2.5		DELL19V3.5A	DELL
			HP/COMPAQ18.5V 1.1A/4.9A/6.5A HP/COMPAQ19V 3.16A/4.74A HP19V	HP
			FUJITSU19V4.22A	FUJITSU
			TOSHIBA19V3.16A TOSHIBA19V3.42A TOSHIBA19V4.74A TOSHIBA19V6.6A	TOSHIBA
			NEC19V3.16A/6.3A/ 2.64A	NEC

NO.	Specification (mm)	Picture	Applicable Laptop	Applicable laptop brand
4	5.5/1.7		19V 2.15A Aspireone (D270,D257,D250) Aspire one (531h/A110)	Acer
5	4.8/1.7		18.5V 3.5A (HP 500HP530 E300)	HP
6	5.0/1.0		Samsung 19V2.1A/4.74A (R458 R480 RV415)	Samsung
7	7.4/0.6		9.5V3.34A (M2300430)	DELL
			HP 18.5V 3.5A	HP
8	7.9/0.9		IBM20V3.25A IBM20V4.5A	IBM
			LTEON 20V 3.25A LTEON 20V 4.5A	LENOVO
9	3.0/1.1		Samsung 19V/2.1A (NP900X1B 530U3B)	Samsung
10	5.0/1.0		Samsung 19V2.1A/4.74A (R458 R480 RV415)	Samsung
11	4.5/3.0		HP19.5V3.33A (ENVY14 Pavilion15)	HP

Contact us

Should you have any technical or other questions, please contact PowerOak with the following information

1. System model
2. System serial No.
3. System failure Code
4. Displaying information

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