

PowerOak K2

Laptop Power Bank

After-sale service commitments 24 month warranty
Email: info@poweroak.nl
Web: www.poweroak.nl

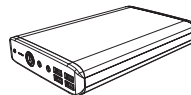
△ We Suggest Fully Charge Our K2 Power Bank Every Six Months

Product Parameters

Battery:	Li-Polymer battery
Capacity:	5000mAh
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/2.5A DC2: 20.0V/3.0A
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:	X1
AC charger:	X1
USB cable:	X1
DC Adaptor:	X1
Laptop charge connector:	X10
Multifunction bag:	X1
Manual:	X1



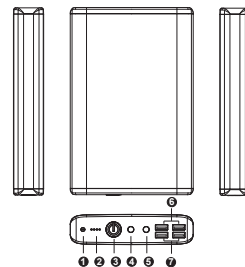
△ Safety Guidelines

- Please check the charging voltage of your laptop first, make sure the charging voltage is consistent with the output voltage of K2 power bank. Do not mix up DC 12V and DC 20V output voltage, otherwise wrongly operation may cause damage of your device.
- Please charge 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 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 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 match the output voltage port of K2 when charge for digital devices such as cellphone/laptop/DV.



Product Overview

Product Standard: GB31241-2014

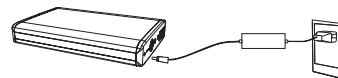


- | | |
|---------------------------|-----------------------------|
| ① Charging port | ⑥ Output port: USB1 5V/2.1A |
| ② Capacity indicators | ⑦ Output port: USB3 5V/1A |
| ③ On-off function button | ⑧ Output port: USB4 5V/1A |
| ④ Output port: 20.0V/3A | |
| ⑤ Output port: 12.0V/2.5A | |

Charging K2

AC Charger

Put DC output connector of AC charger into K2's input port, and connect to 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 turn off: K2 turns off automatically in 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.

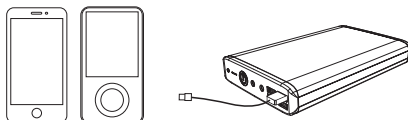
Other Multi-functional Applications

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 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, please choose an appropriate one for charging your laptop.

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 connection, K2 starts charging; K2 will power off automatically in 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 digital camera.

3. Slightly press the on-off button after connection, K2 starts charging; K2 will power off automatically in 30s if charging cable is disconnected.



Laptop Adapter List

NO.	Specification (mm)	Picture	Applicable Laptop	Applicable laptop brand
	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
	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
			DELL19V3.5A	DELL
			HP/COMPAQ18.5V 1.1A/4.9A/6.5A HP/COMPAQ19V 3.16A/4.74A HP19V 7.1A/3.95A/8.42	HP
	5.5/2.5		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
	5.5/1.7		19V 2.15A Aspireone (D270,D257,D250) Aspire one (531h/A110)	Acer
	4.8/1.7		18.5V 3.5A (HP 500HP530 E300)	HP
	5.0/1.0		Samsung 19V2.1A/4.74A (R458 R480 RV415)	Samsung
	7.4/0.6		9.5V3.34A (M2300 D430)	DELL
			HP 18.5V 3.5A	HP
	7.9/0.9		IBM20V3.25A IBM20V4.5A	IBM
			LTEON 20V 3.25A LTEON 20V 4.5A	LENOVO
	3.0/1.1		Samsung 19V/2.1A (NP900X1B 530U3B)	Samsung
	5.0/1.0		Samsung 19V2.1A/4.74A (R458 R480 RV415)	Samsung
	4.5/3.0		HP19.5V3.33A (ENVY14 Pavilion15)	HP

Note: The connectors may not compatible with some laptops because of different charging architecture.