

Product Description

Product Name: Huawei 10000mAh Super Charge Power Bank AP09S

Dimension(L*W*H) with package: 163*108*19.5 mm

Weight with package: 316 g

Color: Black

1. Product Detail

- (1) Huawei patented SuperCharge Technology, and support max. 22.5W bidirectional super fast charging;
- (2) Input: 5V4.5A, 9V2A, 5V2A or 5V1A; Output: 5V4.5A, 9V2A, 5V2A or 5V1A;
- (3) Type C input and output, 40cm Type-C Data Cable incl.;
- (4) High-density lithium polymer cell with 12-layer safety features;
- (5) Smart LED indicator lights which show the remaining volume and the fast charging status(green light indication);
- (6) Stylish aluminum body with good feeling;
- (7) Cell Capacity: 2x5000mAh/37Wh;
- (8) Passed TÜV Rheinland CB Test and have TÜV Rheinland AK certificate;
- (9) CE certificated, strictly follow safety rules, top quality to use;

2. Product View



3. Hardware Parameters

Item	Description
Shape	Rectangular block
Dimensions	138 mm X 71 mm X 16 mm
Weight	About 252 g
Input port	Type-C
Input voltage	5V/9V
Input current	5V/9V:2A(MAX),5V/4.5A(MAX)
Output port	USB-A
Output voltage	5V/9V
Output current	5V/9V:2A,4.5V:5A,5V:4.5A
Output ripple	Non-SCP mode: Less than 150 mV at 5 V and 200 mV at 9 V SCP mode: Less than 80 mV
Output conversion	Greater than 91% at 5V& 9V (device only, without cable)

Item	Description
efficiency	
Device power consumption	Less than 150 uA
Battery cells	Polymer 606588 cells
Power level notifications	3 white LEDs + 1 two-color LED (Green when fast charging and white when not fast charging)
Button type	Buttons which only require a light touch
Charge loop counts	After 300 times, the remaining level of the battery will not be less than 80% of the rated capacity
Operating temperature	<ul style="list-style-type: none"> Charging temperature: 0°C–40°C Discharging temperature: -10°C to +45°C
Storage temperature	<ul style="list-style-type: none"> Relative humidity less than 85% PH Do not store at 45°C–55°C Can store for three months at -20°C to +45°C Can store for six months at -20°C to +35°C
Certifications	Version for China: MSDS,ROHS,REACH International version: ROHS,REACH,MSDS ,CB,CE,KC,UN38.3, 1.2 m drop test

4. Software Parameters

Item	Indicator light	Status Description
Remaining power indicator	●●●●	Each time you press the button, the indicator lights will illuminate for 6 seconds and then turn off. ◎ means flashing; ● means on; ○ means off
	○○○○	The remaining battery power is less than 5%. It needs to be recharged.
	●○○○	5%–25% remaining battery power
	●●○○	25%–50% remaining battery power
	●●●○	50%–75% remaining battery power
	●●●●	75%–100% remaining battery power
Charging indicator	◎○○○	The battery has been charged 25%
	●◎○○	The battery has been charged 25%–50%
	●●◎○	The battery has been charged 50%–75%
	●●●◎	The batter has been charged 75%–100%
	●●●●	The battery is fully charged

Item	Indicator light	Status Description
Turning off output	○○○○	When the electrical load changes or when the output of current is less than the output set for cutting off the current (80 mA), the power bank will automatically turn off power output and the indicator lights will turn off.

5. Other Features

Feature	Item	Description
Stable and reliable system	Battery cells	10,000 mAh lithium ion polymer cells, high energy density, less total volume, increased safety and stability
	Output conversion efficiency	Greater than 91% at 5 V&9 V (with no cable)
	Output ripple	Small ripple, little interference, stable voltage output, USB standard interface, wide range of applications.
	Output current	Can provide devices with a maximum of 5 A of stable output current.
	Charge and discharge loop count	After 300 loop counts of charging and discharging, the remaining battery level will be greater than 80% of the rated capacity.
	Low temperature operation	It can still charge devices in environments of -10°C and satisfies the requirements for use in cold regions.
	Self-discharge	Less than 150 μA, providing longer lasting power storage capacity
12 layers of safety protections	Battery cell temperature protection	It automatically gathers cell temperature data to ensure that the cells are operating at normal temperatures. It will cease to operate if temperatures are abnormal.
	Battery cell charging and discharging protection	It has smart battery protection which can automatically stop charging and discharging of the battery.
	Double short circuit protection	It has smart output current detection. In the event of a short circuit, it will automatically protect itself.
	Input overvoltage and under-voltage protection	It automatically monitors external input current data. When current coming in from the outside is abnormal, input will automatically be stopped.

Feature	Item	Description
	Input overcurrent protection	It has smart output current monitoring. When there is an excess amount of current output, the device will automatically take protective measures.
	Output overvoltage protection	It has improved voltage control circuitry which is effective at stabilizing output voltage to ensure user safety.
	Output overcurrent protection	It has a two-fold protection mechanism that monitors the power bank's output current to ensure that the output current is safe and stable.
	Electrostatic discharge protection	It has passed strict ± 6 kV touch and ± 10 kV air electrostatic discharge testing to ensure that the product is safe with regard to electrostatic discharges.
	Electromagnetic field protection	It has been encased in magnetic bead anti-radiation components which effectively protect the product so that it works like normal if affected by electromagnetic interference.
	Drop, shake, and tumble testing	It has passed rigorous drop, shake, and tumble testing to ensure the safety and reliability of the power supply if dropped or struck.
	Hi-low temperature and cyclic damp heat testing	It has passed rigorous high and low temperature and cyclic damp heat testing to ensure that it works normally and safely in harsh conditions.
	Salt spray testing	Its corrosion resistance has been tested in a rigorous salt spray testing environment to ensure that it is very adaptable and reliable in harsh conditions.
Safe and environmentally friendly	Outer casing	PC + ABS materials which meet 94 V-0 non-flammable standards
	PCB	Meets 94 V-0 non-flammable standards and is safer
	Battery cell certification	US standards UL1642 and GB 31241-2014
	Environmental protection standards	Meets ROHS, REACH, and Huawei's environmental protection standards
	Safe transport standards	UN38.3, MSDS,, and 1.2 m drop testing; 2006/66/EC

6. Packaging

Item	Quantity
Power bank	1
USB Type C data cable (40 cm)	1
Manual (contains the warranty card)	1

7. BOM and EAN

Name	Color	BOM	EAN	RRP(EUR)
Huawei 10000mAh Super Charge Power Bank AP09S, Black	Black	55030055	6901443196944	79.99