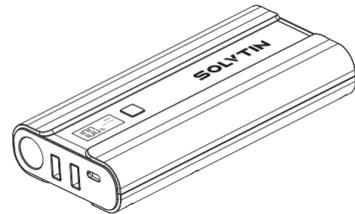


SOLVTIN

User Manual

Car Jump Starter

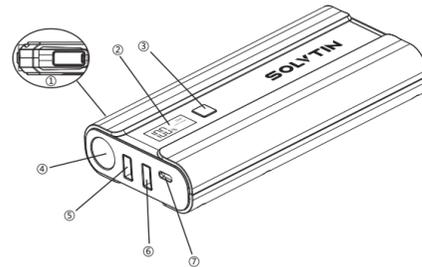


Model No.: S6 Pro

USER MANUAL

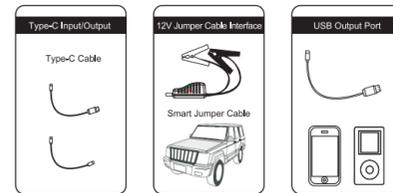
Thank you for choosing SOLVTIN S6 Pro Smart Jump Starter.

A. Configurations:



- ① 12V Jumper Cable Interface
- ② LED Screen
- ③ Power Switch
- ④ LED Flashlight
- ⑤ USB Output (5V/2.4A)
- ⑥ USB Output (5V/9V/12V QC 3.0)
- ⑦ Type-C Port (PD30W, Input/Output)

- 01 -



B. Electricity Indicators:

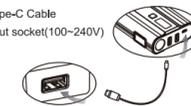
Digital display:
Power display: 100%, indicating that the battery has 100% power when the product is low, it needs to be delivered in time. Charge the product. When "IN" is displayed, it indicates that the 5V2A charging function is being used. When displayed "OUT/OUT Quick Charge", it indicates that the 5V2.4A/ Quick charge output function is being used.



C. Instructions

Steps to recharge the unit

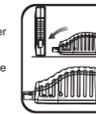
1. Connect the wall charger and the unit with Type-C Cable
2. Plug the wall charger into your universal output socket(100-240V)



- 02 -

Steps To Jump Start Vehicles(12V Only)

1. Plug the blue end of Smart Jumper Cable into the 12V Jumper Cable Interface on the unit
2. Connect the clamps to the vehicle battery, Red clamp to positive polarity(+), black clamp to negative polarity(-)
3. Operate following the status of the smart indicator on the jumper cables.



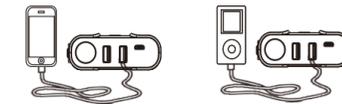
Sketch	Green Light	Red Light	Reason/Solutions
	ON	OFF	The connection is correct and the device is ready to start your car.
	Blinking	OFF	The power of the car battery is too low or the car battery is totally dead. Press "BOOST" button, the green light will turn on then start the engine in 30 seconds.
	OFF	ON	The device is too hot, please let the device cool down. The power of the device is too low to start the car. Please connect the jumper cables with the device tightly.
	OFF	Blinking	Overcurrent protection, please wait at least 30 seconds until the next try.
	Blinking	Blinking	Overheating protection, please wait 10 minutes until it cool down.
	Red light on with Buzzer		The connection between the battery and clamps is reserved. Please reconnect it correctly until the green indicator light on.

- 03 -

4. Go back to your car and start the engine.
5. Remove the Smart Jumper Cable after cranking your car successfully

Steps to charge your electronics

1. Connect your phone/tablet or other devices with the unit by USB cable.
2. Press the power button, the unit will choose the suitable voltage to charge your device smartly.



Steps to switch light modes

Press and hold the Power Switch for 3 seconds to turn on the strong lighting mode, and press it again to switch to Strobe, SOS modes.

D. Package contents

No.	Content name	Quantity	No.	Content name	Quantity
①	S6 Pro Jump Starter	1	⑤	AC Wall Charger	1
②	Smart Jumper Cable	1	⑥	EVA Storage Case	1
③	Type-C Cable	1	⑦	User Manual	1
④	USB-A to Type-C Cable	1			

- 04 -

E. Specification:

Model	S6 Pro
Size	6.69*3.31*1.22 inch
Weight	0.77 lb (350g)
Battery capacity	55.5Wh
Output	Type-C PD 30W, USB-A 5V/9V/12V Quick Charge 3.0, 5V/2.4A, 12V Jumper Cable Interface
Input	Type-C PD 30W
Recharge time	Approx 2 Hours(PD30W)
Starting Current	400A
Peak Current	2000A
Discharge Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Charge Temp.	5°C ~ 45°C (41°F ~ 113°F)

F. Common questions:

- Q1: How to turn off the jump starter?
A1: This device is equipped with smart energy saving system. It will shut down automatically once there is no load.
- Q2: How long does it take to recharge S6 Pro fully?
A2: About 1.8-2 hours charged by PD30W AC adaptor.
- Q3: How many times can this S6 Pro charge a phone?
A3: It depends on the battery capacity of the cell phone. Taking iPhone8 as an example it can charge it for four times.
- Q4: How many times can this S6 Pro start a car after a full charge?
A4: Approximately 20 times.
- Q5: What's the service life of S6 Pro?
A5: In regular use, it can work for 2-3 years.
- Q6: How long can it hold a charge?
A6: The circuit design of S6 Pro is very scientific. It can hold a charge for 6-12 months, but to extend the service life and be prepared for an emergency, we recommend you to recharge it fully every three months.

- 05 -

G. Troubleshooting

If the following solution can not solve the problems, please do not use the device again and contact the seller or manufacturer.

Case	Cause	Solution
The device can not turn on when you press the power switch.	1. Low voltage protection activated. 2. Over-heating protection activated.	1. Recharge the device until the power is above 75%. 2. Let the device cool down for 10 minutes until the temperature is below 55°C before the next use.

H. Toxic and hazardous substances illustration

Toxic and hazardous substances or elements					
Pb	Hg	Cd	Cr (VI)	PBB	PBDE
O	O	O	O	O	O

O: The content of this hazardous substance in all homogeneous materials of the component is below the limit requirements specified in the 2002/95/EC (RoHS) standard.

I. Precautions

01. Please be cautious when using it.
02. Please read the instructions carefully before use.
03. The product can only be used for starting 12V vehicles. It is prohibited to use it on equipment such as aircraft and ships.
04. Please do not use it if the clamp or the unit has any damage.
05. Do not use it as a car battery.
06. Do not use it as a car battery charger.
07. Please remove the unit from your car battery in time after cranking your car successfully.
08. Please use the equipped jumper cables, and other accessories come with it only.
09. Please make sure that the blue end of the jumper cable is fully inserted into the jumper cable interface. Otherwise, the blue end may melt.

- 06 -

10. Before use, make sure all battery connectors are clean and the clamps are connected right. It will weak the starting performance if the battery poles are dirty or corrosive.
11. Please do not use more than three times in a row. Or it can be overheated and damaged. It's better to let it cool down for 2 minutes after using three times in a row.
12. Please remove the product from the car battery within the 30s after use, or it may cause damage.
13. Do not connect the positive and negative clamps when the power is on.
14. Please make sure that the electricity is more than 75% when you use it to start your car.
15. Please keep this product away from children.
16. Do not play it as a toy.
17. Do not wet the product.
18. Do not immerse the product in water.
19. Do not operate the product in an explosive atmosphere like the presence of flammable liquids, gases, or dust.
20. Do not remodel or disassemble the product. Only professional technicians are allowed to repair.
21. Do not expose the product to extreme heat or fire.
22. To avoid the risk of short-circuiting caused by metals falling into the hole, please remove your jewelry such as rings, bracelets, and necklaces before using the product.
23. Do not drop the product. If the product is impacted or damaged, it must be tested by a qualified battery technician.
24. Do not place the product in an environment where the temperature exceeds 70°C.
25. Please charge at room temperature not exceeding 60°C.
26. Please use the charger delivered with the power pack to charge it only.
27. Do not use the device to start the car when it is being charged.
28. If the host leaks, please immediately recycle it with proper equipment.
29. Under extreme conditions, battery leakage may occur. If the liquid comes out of the product, it cannot be handled directly by hand. In the case of skin contact, wash immediately with soap and water. If the liquid comes in contact with your eyes, rinse your eyes with cold tap water for at least 10 minutes and seek medical attention immediately.

- 07 -

30. Lithium-ion battery-based products should be disposed of under local regulations at the end of their life.
31. Not all 12V auto products are compatible with this unit. At present, it can only supply power to some small-sized automotive electronic products, such as portable electric tire inflator.



- 08 -