



O-649-29 - 12VDC Jump Starter Pack

DURITE's 12V 16,000mAh (59.2Wh) Li-Ion Jump Starter pack. 500A Start Current. 2500A Peak Current to start upto 7.0L Petrol and 5.0L Diesel engines. 1 x USB 5V3A Fast Charge input and output. USB 2.4A output. 3W LED Work light. UKCA CE approved.

THE TRUSTED QUALITY BRAND FOR PROFESSIONALS



WARNINGS!

Before using this unit please read these instructions carefully

Take special care to follow the warnings and safety suggestions listed throughout this manual.

Keep these instructions for future reference.

-  Always take care the appliance while using it.
-  Do not use by any child or infant
-  Do not use as a toy
-  Do not allow the appliance to become wet
-  Do not immerse the appliance in water
-  Do not operate the appliance in explosive atmospheres, such as in the presence of flammable liquids, gases or dust
-  Do not modify or disassemble the appliance Only a repair technician may repair this unit
-  Do not expose the appliance to heat
-  Do not storage it in locations where the temperature may exceed 70 °C
-  Only Charge it at ambient temperatures between 0 °C and 40 °C
-  Only Charge it with the charger provided with the appliance.
-  Under extreme conditions, battery leakage may occur. Carefully wipe the liquid off with cloth , and Please avoid skin contact when you notice liquid on the battery. In case of skin or eye contact, rinse immediately with clean water and seek medical attention
-  At the end of its useful life, discard the appliance with due care for our Environment

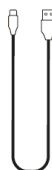
1. Check before using the product that there is at least 75% charge state. If there is not do not attempt to start the vehicle until the unit is fully charged.
2. Do NOT crank the engine for more than 3 seconds using the product.
3. Please wait at least 2 minutes before trying to crank the engine again if it does not start.
4. Make sure the voltage is selected before connecting to a vehicle battery.
5. Do not connect the RED Clamp to the earth terminal on battery and vice versa as this will lead to short circuit. It could damage the product and further be dangerous to the user.
6. Remove the jump starter immediately on starting the vehicle.
7. Always check that the jumper clamps are connected correctly. Check the vehicle battery terminals to ensure they are not rusty/dirty. If so clean before attempting to connect and jump the vehicle.
8. If the vehicle does not start on the third attempt please do not try again as this will damage the unit and will void the warranty.
9. If the unit enters its 'protected state' please press and hold the 'power' button to reset the unit.
10. This unit has no serviceable parts inside. Please do not try to open/disassemble the unit as this could be dangerous and will void the warranty.
11. **MUST NOT BE USED TO JUMP START ANY VEHICLE WITH A LITHIUM ION BATTERY INSTALLED - RISK OF DAMAGE OR INJURY!**
12. Do not use the unit if it has been dropped or damaged.
13. Do not charge for more than 5 hours.
14. Jump for 12V vehicles only. It is forbidden to use for other machines such as aircraftship and so on.
15. DO NOT use this unit if any cable clamp or cord is damaged.
16. DO NOT use in place of a vehicle battery.
17. DO NOT use as a battery charger.
18. Do NOT operate the product in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
19. Do NOT expose product to extreme heat or fire.
20. Make sure someone is within range of your voice or close enough to come to your aid when working with batteries.
21. Remove personal metal items like rings, bracelets, necklaces, etc. When using the products.
22. Do NOT store in locations where the temperature may exceed 70°C
23. Charge only at ambient temperature between 0°C and 60°C.
24. Charge only using the charger provided with this unit.
25. Do NOT use the unit to jump start a vehicle while charging the internal battery.
26. If this unit is leaking liquid dispose of at a proper recycle facility immediately.
27. Under extreme conditions, battery leakage can occur. If a liquid is noticed coming from product do not handle with bare hands. In case of skin contact wash with soap and water immediately. If liquid comes in contact with eyes rinse eyes with cold running water for at least 10 minutes and get medical attention immediately.
28. Product contains lithium based battery, at end of product life dispose of product according to local regulation.

PRODUCT CONTENTS / LAYOUT

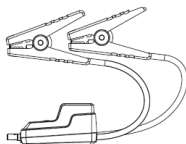
- ① 1 x Jump Starter
- ② 1 x USB-A to USB-C Charging Cable
- ③ 1 x Jumper Cable
- ④ 1 x Storage Bag
- ⑤ 1 x User Manual



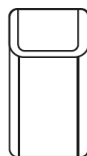
①



②



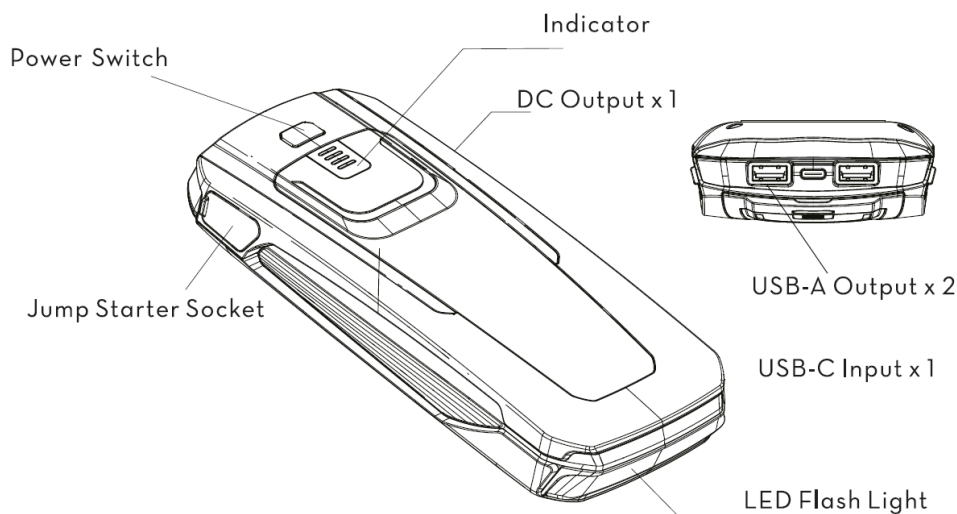
③



④



⑤



Power display:

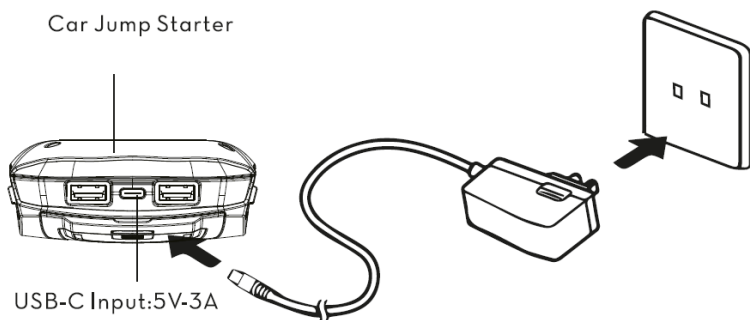
Press the switch to check the power storage level.

Indicator	Unlit	4 Flashing	1 lighting	2 lighting	3 lighting	4 lighting
storage level	0%	10%	25%	50%	75%	100%

The indicator will flash one by one during the period of charging.
Different number of solid indicators show different storage level of the battery. All indicators light off when the charging is paused or completed.

Charging with the cable

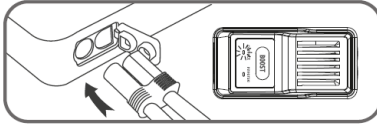
- 1.Connect the USB-C cable to the jump starter.
- 2.Connect the other end of the cable to a power source. (The adapter is not included in the box)
- 3.Indicator light flashes, indicating that the product is being charged and the power is increasing continuously.
- 4.When the product is fully charged, it displays a 4-bar indicator light, After 30 seconds the indicator light goes out and the device automatically shuts down.



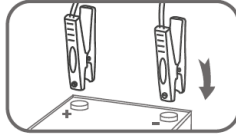
JUMP STARTING

Jump Starting 12V Cars

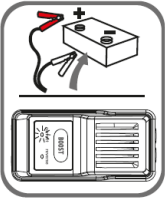
1. Plug the blue connector into the starter, and make sure the clamp indicator is off.



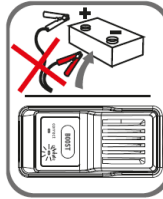
2. Connect the red clamp to the positive (+) battery terminal, the black clamp to the negative (-) battery terminal.



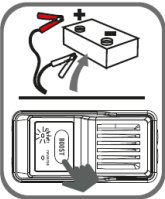
3. Operate according to the clamp indicator color:



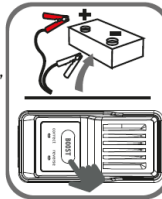
GREEN LIGHT on:
Telling the connection is correct and the circuit is working, you can turn on the engine to jump-start directly.



REVERSE RED LIGHT on:
Telling the connection is wrong, to correct the clamps as step 2 mentioned above, wait until the GREEN LIGHT is on to turn on the engine.

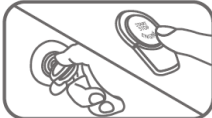


GREEN LIGHT blinking:
Saying the vehicle battery is low, press the "BOOST" button, wait GREEN LIGHT becomes solid, then turn on the engine within 30s.



No Lights on:
Saying the vehicle's battery maybe damaged, after confirm the clamps connection is correct, press the "BOOST" button, wait GREEN LIGHT is on, and then turn on the engine within 30s.

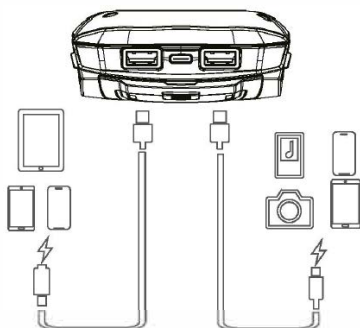
4. Start the car.



5. When the car is started, remove the Jumper cable from the vehicle battery.

Charging Mobile Devices

1. Plug the charging cable into the USB-A1 QC18W or USB-A2 12W port of the starter.
2. Plug the other end of the cable to your mobile devices (smartphones, tablets etc.).
3. Press the Power Switch button to start charging.



LED Light

1. Press and hold the Light Switch to turn on the LED light.
2. Press repeatedly to cycle through Normal, Strobe, SOS, OFF.

SPECIFICATION

Battery Capacity	16000mAh/3.7V/59.2Wh
USB-C Input	5V $\Rightarrow$ 3A 15W Max
USB-A1 Output	5V $\Rightarrow$ 3A,9V $\Rightarrow$ 2A,12V $\Rightarrow$ 1.5A 18W Max
USB-A2 Output	5V $\Rightarrow$ 2.4A 12W Max
DC Output	15V $\Rightarrow$ 10A 150W Max
Vehicle Starting Power Output	12V
Starting Current	500A
Peak Current	2500A
LED Light Power	3W
Operating Temperature Range	-20°C~60°C (-4°F~140°F)

TOXIC AND HARMFUL SUBSTANCES:

Composition and amount of toxic and harmful substances in EPower.					
Pb	Hg	Cd	Cr(Vi)	PBB	PBDE
0	0	0	0	0	0
0: Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC(RoHs).					



WEEE Compliance

Do not to dispose of product as unsorted municipal waste and to collect such WEEE separately, for proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Please contact your local authority for further details of your nearest designated collection station.