

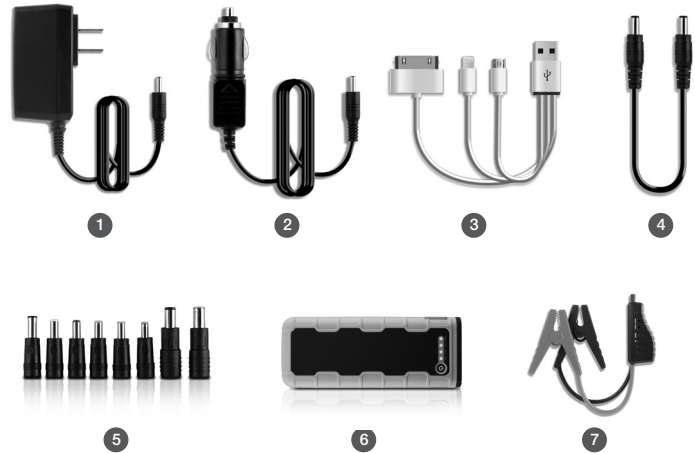
18000 mAh Multi-Function Jump Starter

INSTRUCTION MANUAL

Thank you for purchasing the RichardSolo 18000 mAh Multi-Function Jump Starter. Please read these instructions before operation and save for future reference.

Parts Layout

- 1 Dual voltage (100-240V) AC wall adapter with round-pin cable
- 2 DC car adapter w/round-pin cable
- 3 Multi-device USB charge cable (Apple 30-pin; Apple 8-pin Lightning; micro-USB connectors)
- 4 Round-pin charge cable
- 5 8 interchangeable notebook connectors*
- 6 18000 mAh Multi-Function Jump Starter battery
- 7 Intelligent jump start cable with LED-safety module
- 8 Instructions

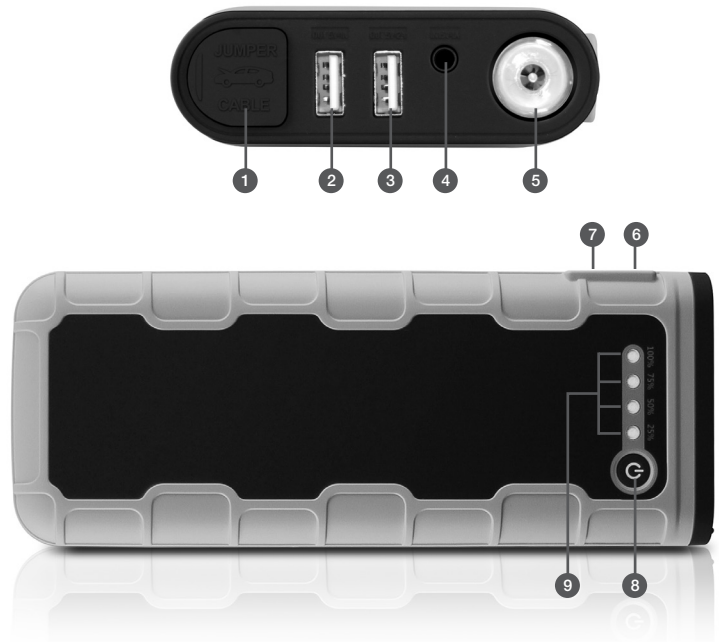


*Connectors are labeled and compatible as follows:

Item	Connector Size	Compatible Notebook Brands
A	6.0 x 4.5mm	Sony, Samsung, Fujitsu
C	5.5 x 2.5mm	Toshiba, Acer, HP, Compaq, IBM, Dell, Asus, Fujitsu, Delta, MSI, LITEON
D	5.5 x 2.1mm	HP, Compaq, Acer, Toshiba, IBM, NEC, Benq
E	5.5 x 1.7mm	Acer, Sony
F	4.8 x 1.7mm	Asus, HP, Compaq, NEC, Delta
H	5.0 x 1.0mm	Samsung
I	7.4 x 0.4mm	HP, Dell
K	7.9 x 0.9mm	IBM, Lenovo

Battery Layout

- 1 Jump start socket — connects with jump start cable for starting 12V vehicles
- 2 USB output port: 1A — charge smartphones, music players via USB cable
- 3 USB output port: 2.1A — charge tablets, smartphones, music players via USB cable
- 4 Input port: 15V-1A — plug in AC wall or DC car adapter for recharging Multi-Function battery
- 5 LED flashlight — with strobe / SOS functions
- 6 Output port: 19V-3.5A — charges/powers 19V notebook computers using included connectors
- 7 Output port: 12V-10A — powers 12V vehicle products or 12V electronics
- 8 Power button
- 9 4 LED charge capacity indicators (25% - 50% - 75% - 100%)



Jump start instructions:

- 1 Connect intelligent jump start cables to jump start socket (1) on Multi-Function Battery
- 2 Blue connector plug must be secure and fully seated within the socket
- 3 Be sure red/green LED indicators on jump start cable module are OFF
- 4 Connect RED cable clamp to positive (+) battery terminal on vehicle
- 5 Connect BLACK cable clamp to negative (-) battery terminal on vehicle
- 6 When connected, check LED indicators on module and proceed as follows:
 - A **Green LED ON** - connection is correct / circuit is working - OK to start vehicle
 - B **Green LED flashes with buzzing** - vehicle battery is low - press/hold BOOST button on module until green LED illuminates - release button - start vehicle within 30 seconds
 - C **Red LED ON with buzzing** - connection error - remove clamps and replace as mentioned in steps 4 & 5 - when green LED is on, OK to start vehicle
 - D **No LEDs illuminating/No buzzing** - vehicle battery may be damaged - confirm jump start clamps are connected correctly - press/hold BOOST button on module until green LED illuminates - release button - start vehicle within 30 seconds
- 7 When motor starts, remove clamps immediately from battery terminals - leave motor running

Charge Multi-Function Jump Starter:

- 1 Connect Dual voltage AC wall adapter to AC wall outlet, or
- 2 Connect DC car adapter to cigarette lighter port in vehicle
- 3 Connect round-pin cable to Multi-Function Jump Starter input port (4).
- 4 Four LEDs (9) flash in 25% increments and remain solid when corresponding capacity is reached.
- 5 When fully charged, all 4 solid LEDs shut off - Remove charge cable.

Note: For optimum performance, make sure all LEDs have stopped flashing and remain solid to ensure full charge capacity. Total recharge time (0% - 100%) = about 6 hours.

Check remaining Multi-Function battery capacity

- 1 Tap/release power button (8)
- 2 Battery LEDs illuminate showing remaining charge capacity in 25% increments
- 3 LEDs shut off in about 35 seconds.

Notes for jump starting 12V vehicle batteries:

- For best performance when starting vehicles, use Multi-Function Jump Starter at 75% charge capacity (3 LEDs) or higher.
- DO NOT connect jump start cable clamps to wrong +/- battery terminals - RED = (+) positive / BLACK = (-) negative
- DO NOT connect jump starter RED/BLACK cable clamps together
- Make sure Multi-Function Jump Starter cable clamps are connected securely to battery terminals
- Always remove clamps within 30 seconds after motor starts
- Check battery terminals for rust, dirt and corrosion before using Multi-Function Jump Starter - clean if necessary to avoid poor performance
- DO NOT jump start again after 3 attempts to avoid damaging Smart Jump Starter / Check for other vehicle issues

Charge smartphones, tablets, etc:

- 1 Plug Multi-device USB charge cable to USB 5V-2.1A port on battery (3)
- 2 Choose appropriate connector and plug into your device
- 3 Press/release Multi-Function battery power button (8)
- 4 Monitor charge via charge icon or LED on device
- 5 When charge is complete, Multi-Function battery continues to safely trickle charge devices
- 6 Remove charge cable - battery LEDs shut off in about 35 seconds

Note: Use 2.1A port for larger devices like tablets + smartphones, music players, small tablets, etc. Use 1A port for smaller devices like smartphones, music players & small tablets. Use included Multi-device USB charge cable or USB cable included with your own device. Multi-device USB charge cable can charge more than one device at a time via one USB port using either the Apple 30-pin, 8-pin, or micro-USB connectors. Charge times may take longer in this mode.

Tandem charging:

- 1 Connect AC or DC car adapter to Multi-Function battery charge port (4).
- 2 Connect electronic device(s) to either USB port (2)(3) on Multi-Function battery.
- 3 Press/release Multi-Function battery power button.
- 4 Device(s) begin recharging - when fully charged, Multi-Function battery recharges.

Charge or power 19V notebook computers:

- 1 Plug round-pin charge cable to 19V-3.5A output port on Multi-Function battery (6).
- 2 Select notebook connector, connect to round-pin charge cable and plug into computer port.
- 3 Press/release Multi-Function battery power button (8).
- 4 Monitor charge/power via icon or LED on computer.
- 5 When finished, remove charge cable - battery LEDs shut off in about 35 seconds

Note: 8 interchangeable notebook connectors are included. See chart for computer compatibility. Some notebooks, like Apple, use proprietary connectors and are not compatible. Connector sizes under same brand or same series may also vary. Check your own connector size for compatibility.

Power 12V vehicle products or 12V electronics:

- 1 Plug round-pin charge cable to 12V-10A output port on Multi-Function battery (6).
- 2 Connect round-pin charge cable to 12V vehicle product or 12V electronics port.
- 3 Press/release Multi-Function battery power button (8).
- 4 When finished, remove charge cable — battery LEDs shut off in about 35 seconds.

3-Function LED flashlight -Strobe - SOS:

- 1 Press/hold power button (8) 2 seconds — LED flashlight illuminates.
- 2 Tap/release power button (8) — LED strobe flashes.
- 3 Tap/release power button (8) — LED SOS flashes.
- 4 Tap/release power button (8) — LED flashlight shuts off.

Package Contents:

- 18000 mAh multi-function Lithium-ion battery w/ built-in LED flashlight
- Dual voltage (100-240V) AC wall charger with round-pin cable
- DC car charger with round-pin cable
- USB charge cable with Apple 30-pin/Apple 8-pin Lightning/micro-USB connectors
- Round-pin charge cable
- 8 interchangeable notebook connectors
- Intelligent jump start cables with built-in LED safety module.
- Durable zip storage case
- Instructions

Specifications:

Capacity: 18000 mAh (66.6 Wh)

Input: DC 15V 1A

Output: USB 5V-1A / USB 5V-2.1A / 12V-10A port / 19V-3.5A port / 12V jump start port

Start current: 300A

Peak current: 600A

Battery dimensions: 8.82" x 3.42" x 1.15" (22.4 x 8.7 x 2.9 cm)

Case dimensions: 9.75" x 10.25" x 2.0" (24.77 x 26.0 x 5.1 cm)

Battery weight: 1.35 lb (610 g)

Case weight w/accessories: 2.94 lb (1.34 kg)

Operating temperature: -4~140 degrees F (-20~60C)

Car adapter charge cable length: 37" (94.0 cm)

Dual voltage AC wall adapter charge cable length: 52" (132.1 cm)

USB Apple/micro-USB charge cable length: 8" (20.32 cm)

Round-pin charge cable length: 8" (20.32 cm)

Jump start cable length: 12" (30.5 cm)

Battery charging time: about 6 hours

FAQ

Q: How to shut off Multi-Function Jump Starter?

A: Multi-Function battery shuts off automatically when no load is detected or when it has recharged. When charging devices, remove charge cable from device or Multi-Function battery to shut off battery.

Q: How long does it take to recharge Multi-Function Jump Starter?

A: About 6 hours through its 15V-1A charge input port (4).

Q: How many times can Multi-Function Jump Starter charge my smartphone?

A: Total number varies depending upon smartphone battery capacity. For example, a fully charged Multi-Function battery can charge iPhone 6 about 7-8 times before it needs charging.

Q: How long does it take to recharge a notebook computer from a fully charged battery?

A: About 4-6 hours.

Q: How many times will Multi-Function battery jump start my car before it needs charging?

A: Up to 40 times depending upon battery and starting conditions. For best performance, jump start vehicles when Multi-Function battery reads 75% charge capacity (3 solid LEDs) or higher.

Q: What is the lifetime for Multi-Function Jump Starter?

A: Up to 5 years.

Q: How often should Multi-Function Jump Starter be recharged?

A: A fully charged unit will hold its charge for 6-12 months. Recharge every 3 months in storage.

Note: It's a good idea to top up the charge as often as you want — keeping it fully charged is fine. No need to wait till depleted.

Troubleshooting

Problem: No response when Multi-Function power button is pressed

Cause: Battery is low on power / low voltage protection mode activated

Solution: Plug AC or Car charger into 15V 1A port (4) and recharge the battery

Problem: Multi-Function Jump Starter feels hot when charging a notebook computer

Cause: Charging current is high (3.5A)

Solution: Remove notebook battery and use Multi-Function battery to supply power directly or disconnect Multi-Function battery and reconnect when devices are cool.

Toxic and harmful substances

Pb:0 Hg:0 Cd:0 Cr(VI):0

PBB:0 PBDE:0

Note: 0 indicates all homogeneous materials' hazardous substances content are below the MVC limit specified in the Standard 2002/95/EC/RoHs.

Safety Instructions:

Read all instructions and notes prior to using this product. Failure to read and follow safety instructions could result in fire, explosion, electrical shock or other hazard causing serious and/or fatal injury and/or property damage.

1. Do not modify, disassemble, open, drop, crush, puncture, or shred this product
2. No serviceable parts are inside
3. Do not expose this product to rain or water
4. Avoid excessive heat (open flame, sunlight, etc.)
5. Do not store in locations where temperature may exceed 158 degrees F (70C)
6. Charge Multi-Function Jump Starter only with included AC or DC car adapter
7. Charge Multi-Function Jump Starter in ambient temperatures between 32-104 degrees F (0-40C)
8. Do not use near flammable liquids, gasses, or dust
9. Keep product away from children