



# Topdon Technology JS2000 Jump Starter User Manual

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# TOPDON

Topdon Technology JS2000 Jump Starter



The JS2000 is a powerful jump-starter and power bank designed for cars, trucks, boats, motorcycles, and more. With a peak output of 2000 amps, it can support vehicles with 12V batteries on gas engines (up to 8L) and diesel engines (up to 6L). This device is equipped with multi-protection for extra safety and can charge your devices faster than a standard charger.

## Product Specs

- **Peak Amps:** 2000A
- **Capacity (mAh):** 16000mAh/59.2Wh
- Input Output Button on the Jump Starter:
  - **Type C:** 5V\_3A/9V\_2A
  - **USB1:** QC18W 5V/3A, 9V/2A, 12V/1.5A
  - **USB2:** 5V/2A; DC: 10A Max 16.8V
- Power Button\*1
- **Button on the Clamp:** BOOST\*1
- Length of Clamp Cable:
  - **Positive:** 9.8 in. /250mm
  - **Negative:** 7.9 in. /200mm
- Start-up Capacity: 8L Gas Vehicles, 6L Diesel Vehicles

## Product Charge & Discharge Data

- **Fully Charged Time by QC Charger:** 3h
- **Fully Charged Time by 5V2A Charger:** 7.2h

- **Fully Charged Time by 5V3A Charger:** 4.8h
- **Fully Charged Voltage:** 16.61V
- **Shutdown Voltage:** 13.92V
- **Standby Power Consumption:** 22mA
- **Shutdown Leakage Current:** N/A

## Product Usage Instructions

1. Before using the JS2000, ensure that it is fully charged using a QC charger, 5V2A charger, or 5V3A charger.
2. Connect the clamp cable to the device, ensuring that the positive and negative ends are correctly aligned with the battery terminals on your vehicle.
3. Press the power button to turn on the device.
4. If necessary, press the BOOST button on the clamp to provide an extra boost of power to your vehicle's battery.
5. Once your vehicle has started, disconnect the clamp cable from the device and your vehicle's battery.
6. To use the JS2000 as a power bank for your devices, connect them to the Type C or USB ports on the device.
7. When not in use, turn off the device and store it in a cool, dry place away from direct sunlight.

The JS2000 is a 2000 Peak Amp jump-starter and power bank for cars, trucks, boats, motorcycles, and more. This device supports vehicles with 12V batteries on gas engines (up to 8L) and on diesel engines (up to 6L). This tool features multi-protection for extra-safety and charges your devices faster than a standard charger.

## Specs

Peak Amps	2000A
Capacity (mAh)	16000mAh/59.2Wh
Input	Type C: 5V_3A/9V_2A
Output	USB1: QC18W 5V/3A, 9V/2A, 12V/1.5A USB2: 5V/2A;DC: 10A Max 16.8V
Button on the Jump Starter	Power Button*1
Button on the Clamp	BOOST*1
Length of Clamp Cable	Positive: 9.8 in./250mm Negative: 7.9 in./200mm
Start-up Capacity	8L Gas Vehicles, 6L Diesel Vehicles

## Charge & Discharge Data

JS2000	Lab Data
Fully Charged Time by QC Charger	3h
Fully Charged Time by 5V2A Charger	7.2h
Fully Charged Time by 5V3A Charger	4.8h
Fully Charged Voltage	16.61V
Shutdown Voltage	13.92V
Standby Power Consumption	22mA
Shutdown Leakage Current	<0.1mA

Button & Indicator

Button & Indicator	Explanation
Power Button	<b>Press the Power Button</b> once to turn on the jump-starter. The Battery Level Indicator lights will turn blue. <b>Press and Hold the Power Button</b> for 3 Seconds to turn on the LED Light. Then <b>Press the Power Button</b> once to toggle between Flashlight, Strobe, SOS, and POWER OFF.
BOOST Button	If the vehicle battery voltage is below 9V, then the jump-starter will not work, and the indicator will not light up. <b>Press the BOOST button</b> , and the JS2000 will enter a force mode to output a current. Once you do that, the indicator will light up in solid green. ( <b>CAUTION!</b> Make sure you connected the clamps correctly when starting the BOOST mode.)
Indicator	If a short circuit, over-temperature, over current, reverse polarity, over discharge, low temperature, or reverse charge is detected, the indicator will <b>light up in red</b> . If you try 4 jump starts within a period of 10 minutes, the indicator will alternately flash <b>red and green</b> .

Features

MORE POWER, SPEED, AND WIDER VEHICLE COVERAGE



- Be prepared for up to 8L gas and 6L diesel vehicles!
- 16000 mAh battery capacity. Jump 35 times on a single charge!
- 2000 Peak cranking amps let you provide lifesaving jumps in seconds!

## BOOST FUNCTION



- Don't get stuck on the road!
- Incredible Boost Function revives dead or damaged batteries!

## HIGHLY VERSATILE CHARGING



The JS2000 can serve as a power bank USB Quick Charge 3.0 port, supporting 5V/3A, 9V/2A & 12V/A. Fully charge most devices and electronics within an hour (smartphone, tablet, camera, kindle, speaker, and more)!

## FLASHLIGHT

### 300 LUMENS FLASHLIGHT



300-Lumen LED Light provides light for nighttime repairs and unexpected blackouts, with three light modes:

- Flashlight
- Emergency Strobe
- SOS Strobe.

## COMPONENTS AND CONSTRUCTION



## PREMIUM COMPONENTS AND CONSTRUCTION

- High quality structure design and circuitry keeps the JS2000 going whether its -4F° or 140F°.
- Sturdy outer housing makes it resistant to water, dust, and rough handling.

## SAFETY

### THE HIGHEST SAFETY DESIGNS WITH YOU IN MIND



The innovative Stop Spark™ sensors protect the JS2000, the car and the user! These sensors pause the JS2000 if it's used 4 times within 10 minutes, preventing overheating.

### The Critical Gear EVERY Driver Needs to Have!



## WHAT'S IN THE BOX?



- JS 2000
- User Manual
- Carrying Case
- Heavy-Duty Clamps
- Type-C Charging Cable

## Specifications

Model  Specifications	JS1200	JS2000	JS3000
			
Peak Amps	1200A	2000A	3000A
Capacity (mAh)	10000mAh/37Wh	16000mAh/59.2Wh	24000mAh/88.8Wh



Start-up Capacity	6.5L Gas 4L Diesel	8L Gas 6L Diesel	9L Gas 7L Diesel
Input	Type C:QC3.0 5V_3A/9V_2A	Type C:QC3.0 5V_3A/9V_2A	TypeC PD45W 5V3A,9V3A,12V3A,15V3A
Output	USB1: QC18W 5V/3A, 9V/2A,12V/1.5A USB2: 5V/2A DC: 10A Max 16.8V	USB1: QC18W 5V/3A, 9V/2A, 12V/1.5A USB2: 5V/2A DC: 10A Max 16.8V	TypeC PD45W 5V3A,9V3A,12V3A,15V3A, 20V2.25A USB1: QC18W 5V/3A, 9V/2A, 12V/1.5A USB2: 5V/2A DC: 10A Max 16.8V
Button on the Jump Starter	Power Button*1	Power Button*1	Power Button*1
Button	BOOST*1 on the Clamp	BOOST*1 on the Clamp	BOOST*1 on the Device
Length of Clamp Cable	Positive: 250mm Negative: 200mm	Positive: 250mm Negative: 200mm	Positive: 250mm Negative: 200mm
Protections	Short Circuit Protection, Over Current Protection, Reverse Polarity Protection, Reverse Charge Protection, Over Temperature Protection, Over Discharge Protection	Short Circuit Protection, Over Current Protection, Reverse Polarity Protection, Reverse Charge Protection, Over Temperature Protection, Over Discharge Protection	Short Circuit Protection, Over Current Protection, Reverse Polarity Protection, Reverse Charge Protection, Over Temperature Protection, Over Discharge Protection

## CONTACT

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## Documents / Resources

	<a href="#">Topdon Technology JS2000 Jump Starter</a> [pdf] User Manual JS2000 Jump Starter, JS2000, Jump Starter, Starter
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## References

- [TOPDON|Automotive Diagnostic Tools, Battery Tools and Key Programmers – TOPDON ELECTRONIC CO., LIMITED](#)

[Manuals+](#).