

CAROSS 2000A | 12V **PD65W** PLUG & PLAY **NON-POLARIZED PATENTED SMART CONNECT**

Product Overview

- 2.8" TFT Screen
- LED Light Button
- SOS Light Button / Low Voltage Boost Button
- Power On/Off Button
- USB-C1 IN/OUT PD65W
- USB-C2 Output PD20W
- USB-A Output 5V/2.4A
- LED/SOS Light
- EC5 Engine Start Port
- Battery Level
- USB-A Indicator
- USB-C1 Indicator
- USB-C2 Indicator
- Battery Temperature Indicator
- High Temperature Protection Indicator
- Error Indicator
- Flashlight Indicator
- SOS Light
- Clamp Status Indicator
- Battery Voltage Monitor

Indicator Icons

	Icon will turn green when a device is connected for charging.
	Icon will turn green when the unit is charging or a device is connected.
	Icon will turn green when the connected device supports PD20W fast charging.
	Battery Temperature Indicator Displays the real-time internal battery temperature. The icon will turn green under normal conditions, red in high-temperature protection mode, and blue in low-temperature protection mode.

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	Clamp Status Indicator Icon will turn green when clamps are properly connected. Ready to start the engine. Icon will turn gray when clamps are not detected. Check the red icon on screen for the cause.
	Battery Voltage Monitor Displays real-time jump-start voltage when clamps are properly connected.
	Flashlight Indicator Icon will flash green when the flashlight is turned on.
	SOS Light Indicator Icon will flash red when SOS is activated.
	High Temperature Protection Indicator Icon will turn red when the operating temperature is too high. Continue using after 10 minutes cooling period.
	Error Indicator When icon turns flashing red, firmly reattach the clamps, ensuring they are securely connected. When icon turns solid red, the jump-starting feature is defective. Stop using the unit immediately and contact customer service.
	ERROR Icon When icon appears, the jump-start feature is defective. Stop using the unit immediately and contact customer service.

Button Instruction

- Press to power on. Press again to enter the jump-start guide screen. Press and hold for 3 sec to power off. Automatically powers off after 45 sec of inactivity.
- Press to activate the SOS Morse code. Press and hold for 3 sec to activate the boost feature after the guide image appears.
- Press the button to operate as a lamp.

1 Power On/Off Button 2 SOS Light/ Low Voltage Boost Button
3 Flashlight Button

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What's In the Box

USB A-C Charging Cable	USB C-C Charging Cable	User Manual
		Carry Case

Status Display

- Startup Screen**
Short press the power button to power on and enter the startup screen.
- Main Interface**
Displays the layout of all functions. Note: Battery level shows the actual percentage of the built-in lithium-ion battery. Temperature shows the internal battery temperature.
- Power Button Function**
From the main interface, short press the power button to enter the 'Steps To Jump Start Your Car' screen. It will automatically return to the main interface after 10 seconds of inactivity.

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- Jump Start Countdown**
When the device is connected to the vehicle's battery terminals, the semicircular display shows the message: 'Start vehicle within 60 seconds.' After the 60-second countdown, the screen returns to the main interface.
- Battery Level ≤ 30%**
When the device battery level is 30% or below, the semicircular display shows 'Low power mode,' please charge the device to above 30% for optimal start performance. The starry dots inside the circle represent the battery level, divided into 10 segments: 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, and 100%.
- High Temperature Warning**
If the built-in lithium battery overheats during operation, high-temperature protection will be triggered. The semicircular display shows 'High temperature warning,' the temperature reading turns red, and the clamp icon turns gray, indicating that jump-start is unavailable.
- Low Temperature Warning**
If the built-in lithium battery is too cold during operation, low-temperature protection will be triggered. The semicircular display shows 'Cold battery temperature warning,' and the temperature reading turns blue.
- Critical Low Battery Warning ≤ 10%**
When the device battery level falls to 10% or below, the semicircular display shows '10% Recharge now,' and the clamp icon turns gray, indicating that jump-start is unavailable. Charge the device to above 30% for optimal start performance.

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- Charging Status**
When USB-C1 detects input power, the indicator turns green, and the semi-circle prompt area displays 'Charging' with green background. When idle, the icon is black.
- Output Status**
When USB-A, USB-C1, or USB-C2 detect load, corresponding icons turn green and semi-circle area shows 'USB Output in use.'
- Clamp Error Warning**
When an error or short-circuit protection is detected, a warning screen will pop up for 10 seconds before returning to the main display. At the same time, the error indicator light turns red, and the clamp icon turns gray, indicating that the jump start function is unavailable.
- Boost Mode Prompt**
When the vehicle battery voltage is below 2V, the screen will switch to the Boost Mode step. **Warning:** All safety features are disabled when using the boost mode. Please make sure the red-dot clamp is connected to (+) and the other clamp to (-).

DO NOT USE the jump-starting feature when red error icon appears. **PLEASE CONTACT SUPPORT**

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OVERLOAD PROTECTION

PLEASE FULLY CHARGE OR CHOOSE CAROSS PEAK PRODUCT TO JUMP YOUR CAR

Overload Protection

When the device is operating beyond its capacity, the screen will show a protection warning. Please fully recharge the unit or select another CAROSS model with higher peak current.

Steps To Jump Start Your Vehicle

- Normal Jump Starting**
- Boost Jump Starting Step Is Prompted Automatically When the Vehicle Battery Is Below 2V**

Warning: All safety features disable when using the boost feature. Please make sure red-dot clamp is connected to (+) and the other clamp to (-).

Charge Your Devices

Plug device charging cable into the USB ports

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PD65W Performance

You can charge your laptop with the T32SC Jump Starter.

Charge T32SC Jump Starter

Connect the included USB C-C cable to the included PD 65W charger. Plug the other end into the IN/OUT port on the jump starter.

Recharging Time Comparison			
T32SC Support Power Delivery (PD65W)	QC 18W USB Input	2Amp Current USB Input	1Amp Current USB Input
1.1 Hours	4.5 Hours	8.5 Hours	17 Hours

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Caution

- Do not remove the screws to open the unit. The unit does not have any serviceable components inside. The warranty will be void if the unit has been tampered with.
- Do not discard unit into fire. The lithium battery will cause a fire and possible explosion.
- Keep out of direct sunlight and extreme hot or cold temperatures.
- This is not a toy. Keep safely stored away from children. Children should not be present when using the jump starter.
- Keep unit dry. The unit should not be used near standing water or wet areas such as bathtubs, showers, sinks, swimming pools or basements.
- It is strictly forbidden to use this product in an environment where flammable gas is present.
- Stop using the jump starter if you notice leaks, smells, or deconfiguration of the jump starter case.
- Charge jump starter if battery level is 10% or below before using it to avoid damage to the unit.
- Charge unit fully before first time using.

STORAGE: -4°F ~ 158°F (-20°C ~ 70°C)
DISCHARGE: 14°F ~ 131°F (-10°C ~ 55°C)
CHARGE: 32°F ~ 113°F (0°C ~ 45°C)

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How-To Video

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