

# TOPDON<sup>®</sup>

Battery Service



# V2200Air

2-In-1 Jump Starter and Tire Inflator

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## Brief

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Introducing the V2200Air, the ultimate all-in-one solution for every car owner's emergency needs. This versatile device allows you to jump-start your car, inflate your tires, charge your devices, and illuminate your surroundings with ease. With an impressive 2200A peak current, it can start engines up to 8.0L gas or 6.0L diesel in just 2 seconds. The integrated air pump inflates tires in under 3 minutes, ensuring you're back on the road swiftly. Stay prepared for any situation and drive with confidence, knowing the V2200Air has you covered.

# Electrical Specifications

**Peak Current:**  
2200A

**Battery Capacity:**  
3.7V, 12000mAh, 44.4Wh

**Type-C Input:**  
PD45W, 5V=3A, 9V=3A,  
12V=3A, 15V=3A, 20V=2.25A

**Type-C Output:**  
PD45W, 5V=3A, 9V=3A,  
12V=3A, 15V=3A, 20V=2.25A

**USBA Output:**  
5V=3A

**DC Output:**  
Max 16.8V=10A



# Parameters

**Dimensions:**  
265\*139\*70mm ( 10.4\*5.5\*2.8 inches)

**Weight:**  
1400g (3.08lb)

**Cable Length:**  
Positive: 250mm Negative: 150mm

**Working Temperature:** -10°C~55°C (14°F~131°F)    **Storage Temperature:** -20°C~55°C (-4°F~131°F)

# Safety

**Protections:**  
Protections: Short Circuit Protection, Over Current Protection, Reverse Polarity Protection, Reverse Charge Protection, Over Temperature Protection, Over Discharge Protection



Brief

# Instant Ignition, Anywhere You Are

The V2200Air delivers a powerful 2200A peak current, capable of jump-starting vehicles with engines up to 8.0 liters for gasoline or 6.0 liters for diesel in just 2 seconds. Whether you're stranded in a remote location or dealing with a dead battery during a busy day, this robust device ensures you can swiftly get back on the road without delay.

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# Tire Refill, Wherever the Road Takes You

In instances of low tire pressure or leakage, the V2200Air provides a rapid solution, inflating your tires in just 3 minutes. Its versatility extends across six modes, accommodating automobiles, motorcycles, bicycles, basketballs, and more, ensuring comprehensive utility for all your inflation needs.

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Brief

# Unplug Anxiety, Power On

The V2200Air also functions as a PD45W fast-charging power bank, ensuring your gadgets are charged in just 30 minutes. Never worry about a dying phone battery; the V2200Air keeps you connected and informed.

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Brief

# Shine Bright, Stay Secure

Whether you need to light your way through the darkness, signal for help with SOS mode, or draw attention with Strobe mode, the V2200Air's versatile 400-lumen LED flashlight ensures you're never left in the dark.

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# Stay Ahead with Tire Pressure Awareness

The V2200Air features real-time tire pressure detection, enabling you to monitor and maintain optimal tire pressure. This proactive feature helps prevent potential issues, ensuring safer and more efficient driving.

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# Comparison Chart

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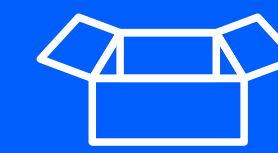
Features

## Comparison Chart

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Specs			
Model	<b>V2200Air</b>	<b>V2200Plus</b>	<b>V2200</b>
Peak Amps	2200A	2200A	2200A
Capacity (mAh)	12000	16000	16000
Start Up Capacity	8.0L Gas / 6.0L Diesel	8.0L Gas / 6.0L Diesel	8.0L Gas / 6.0L Diesel
Input	<b>Type-C:</b> Bidirectional, PD45W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A	<b>Type-C:</b> Bidirectional, PD60W; 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=3A	<b>Type-C:</b> Bidirectional, PD60W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=3A
Output	<b>Type-C:</b> Bidirectional, PD45W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A <b>USB-A:</b> 5V=3A <b>DC:</b> Max 16.8V=10A	<b>Type-C:</b> Bidirectional, PD45W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A <b>USB1:</b> QC18W, 12V=1.5A, 9V=2A, 5V=3A <b>USB2:</b> QC18W, 12V=1.5A, 9V=2A, 5V=3A <b>DC:</b> Max 16.8V=10A	<b>Type-C:</b> PD60W 20V=3A, 15V=3A, 12V=3A, 9V=3A, 5V=3A <b>USB1:</b> QC18W, 12V=1.5A, 9V=2A, 5V=3A <b>USB2:</b> QC18W, 12V=1.5A, 9V=2A, 5V=3A <b>DC:</b> 10A Max 16.8V
Length of Cable	Positive: 250mm Negative: 150mm	Positive: 250mm Negative: 150mm	Positive: 250mm Negative: 150mm
Special Features	Tire Inflation	Battery Testing	No
App	No	Yes	No
Jump Capacity	25	35	35



# What's in the Box

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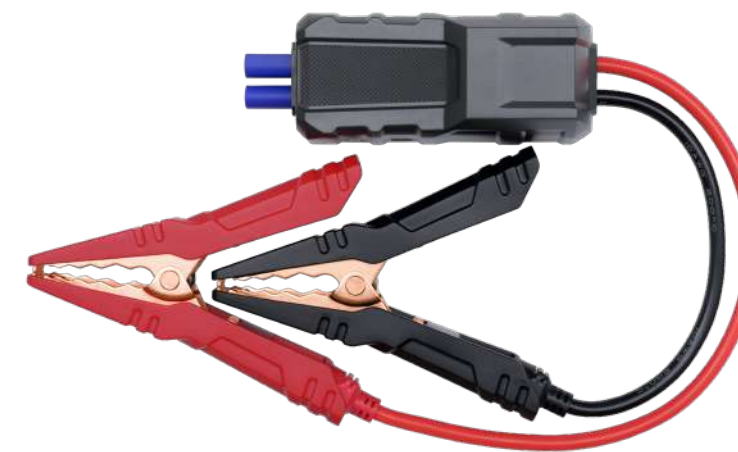
Comparison  
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**What's In  
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FAQs



V2200Air



Jump Clamps



Inflation Needle



Inflation Nozzles



USB-C to USB-C Cable



User Manual

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**Question:** How long does it take to fully charge the V2200Air?

**Answer:** The charging time for the V2200Air varies depending on the charger used. For example, with a PD45W charger, it takes approximately 1 hour.

Features

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**Question:** Why is the red error indicator light on?

**Answer:** This could be due to starting the device too frequently in a short period, causing the power unit to overheat. Please wait 20 minutes before trying again.

Comparison  
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**Question:** Why is the DC output voltage up to 16.8V? Will it damage my 12V electronic devices?

**Answer:** The DC output voltage ranges from 13.2V to 16.8V, increasing with the battery charge level. However, most 12V devices can tolerate up to 18V, so no damage will occur.

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**Question:** What are the recommendations for inflating low-pressure items?

**Answer:** When inflating low-pressure items like soccer balls or inflatable boats, use the sports ball inflation mode. This mode operates at a lower motor speed, preventing damage to the items being inflated.

Features

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**Question:** How long does it generally take to inflate a tire?

**Answer:** Typically, it takes about 5-6 minutes to inflate an empty car tire. The exact time depends on the tire's capacity and the load it needs to support.

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**Question:** Can I use the inflator in cold environments?

**Answer:** Battery discharge capacity decreases in cold environments. It is recommended to store the device indoors or fully charge it before use. In cold conditions, the battery may be too weak to start the car or inflate items effectively.

What's In  
The Box?

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