

TOPDON[®]

Battery Service



V2200Air

2-In-1 Jump Starter and Tire Inflator

Contents

01
Brief

02
Specs

03
Features

04
Comparison Chart

05
What's In The Box?

06
FAQ

Brief

Specs

Features

Comparison
Chart

What's In
The Box?

FAQs



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.

Specs

Features

Comparison
Chart

What's In
The Box?

FAQs



Brief

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.

Specs

Features

Comparison
Chart

What's In
The Box?

FAQs



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.

Specs

Features

Comparison
Chart

What's In
The Box?

FAQs



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.

Specs

Features

Comparison
Chart

What's In
The Box?

FAQs



Brief

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.

Specs

Features

Comparison
Chart

What's In
The Box?

FAQs



Comparison Chart

Brief

Specs

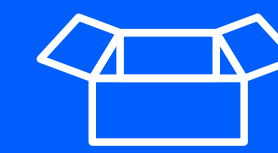
Features

Comparison Chart

What's In The Box?

FAQs

Specs			
Model	V2200Air	V2200Plus	V2200
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	Type-C: Bidirectional, PD45W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A	Type-C: Bidirectional, PD60W; 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=3A	Type-C: Bidirectional, PD60W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=3A
Output	Type-C: Bidirectional, PD45W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A USB-A: 5V=3A DC: Max 16.8V=10A	Type-C: Bidirectional, PD45W, 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A USB1: QC18W, 12V=1.5A, 9V=2A, 5V=3A USB2: QC18W, 12V=1.5A, 9V=2A, 5V=3A DC: Max 16.8V=10A	Type-C: PD60W 20V=3A, 15V=3A, 12V=3A, 9V=3A, 5V=3A USB1: QC18W, 12V=1.5A, 9V=2A, 5V=3A USB2: QC18W, 12V=1.5A, 9V=2A, 5V=3A DC: 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

Brief

Specs

Features

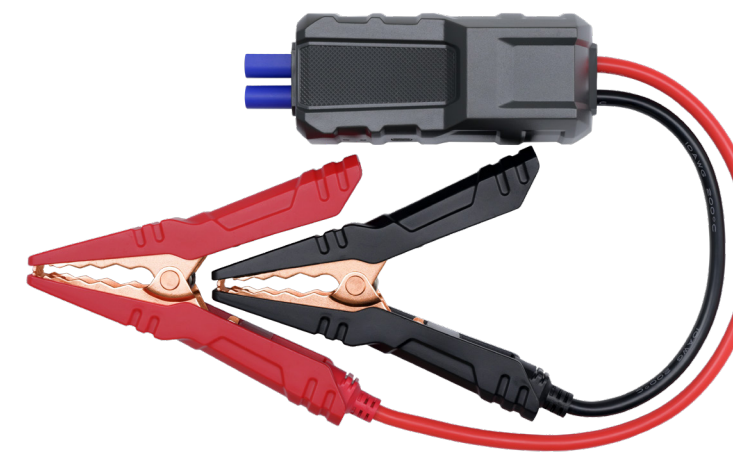
Comparison
Chart

**What's In
The Box?**

FAQs



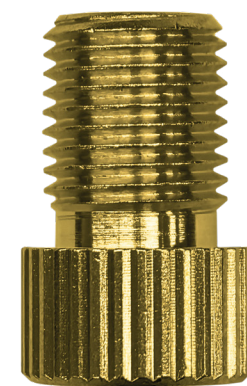
V2200Air



Jump Clamps



Inflation Needle



Inflation Nozzles



USB-C to USB-C Cable



User Manual

Brief

Specs

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

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
Chart

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.

What's In
The Box?

Brief

Specs

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

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.

Comparison
Chart

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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 @topdonofficial

+86-755-21612590 (Global HQ)
+1-833-629-4832 (North America)
+34 931 677 441 (Europe)

sales@topdon.com
support@topdon.com

**CHINA
TOPDON HQ**

topdon.com

Unit 2005 20/F, No. 3040 Xinghai Avenue,
Qianhai Shimao Tower, Qianhai Shenzhen-Hong Kong
Cooperation Zone, Shenzhen, PR, China 518000

**USA
TOPDON**

topdon.us

400 Commons Way, Suite A
Rockaway, NJ 07866

**EU
TOPDON**

eu.topdon.com

Calle Sant Elies 29-35, piso 2º oficina 1º, esc. B,
08006, Barcelona, Cataluña, España