

VTOMAN PB-29

VTOMAN Jump 1800 Portable Power Station User Manual

Model: Jump 1800
Brand: VTOMAN

PRODUCT OVERVIEW

The VTOMAN Jump 1800 Portable Power Station is a versatile and robust power solution designed for various indoor and outdoor needs. Featuring a SuperSafe LIFEBS system and expandable LiFePO4 battery technology, it provides reliable and long-lasting power for a wide range of devices.

Key Features

- **SuperSafe LIFEBS System:** Features 10-layer protection, including overcurrent and overdischarge safeguards.
- **Expandable Capacity:** 1548Wh capacity, expandable to 3096Wh with optional Jump 1500 extra battery.
- **V-Beyond Technology:** Provides 1800W pure sine wave AC output (3600W surge), maintaining steady power for high-demand appliances.
- **Versatile Outputs:** Simultaneously charges up to 12 devices with multiple AC, DC, USB-C (100W PD), and USB-A ports.
- **Fast Recharging:** Achieves 100% charge in 4 hours via 400W wall charger, or up to 400W solar input.
- **Emergency Jumpstarter:** Capable of jumpstarting numerous 12V vehicles.

INCLUDED COMPONENTS

- 1x VTOMAN Jump 1800 Portable Power Station
- 1x AC adapter & charging cable
- 1x Car charging cable
- 1x USB-C to USB-C cable
- 1x USB-A to USB-C cable

3 WAYS TO RECHARGE



4 Hours
Wall Outlet



5-8 Hours
Up to 400W Solar Input



12-14 Hours
Car Outlet



Figure 1: VTOMAN Jump 1800 Power Station and its included accessories.

SETUP

Initial Charging

Before first use, fully charge the Jump 1800 Power Station. You can charge it via a wall outlet, car charger, or solar panels.

- **Wall Outlet:** Connect the AC adapter to the power station and a wall outlet. Full charge in approximately 4 hours.
- **Car Charger:** Connect the car charging cable to the power station and your vehicle's 12V car port. Full charge in 12-14 hours.
- **Solar Panels:** Connect compatible solar panels (up to 400W, sold separately) to the DC input port. Full charge in 5-8 hours depending on sunlight conditions.

PACKAGE LIST



Figure 2: Multiple charging options for the Jump 1800 Power Station.

OPERATING INSTRUCTIONS

Powering Devices

The Jump 1800 allows you to power up to 12 devices simultaneously. Simply plug your devices into the appropriate output ports.

- **AC Outlets:** 3x 110V/1800W pure sine wave AC outlets for household appliances.
- **DC Ports:** 2x 12V/10A DC5521 ports and 1x 12V/10A car port for DC-powered devices.
- **USB Ports:** 2x PD 100W USB-C ports and 4x USB-A ports for charging mobile devices and laptops.

14 OUTLETS

More Ports Than You'll Ever Need

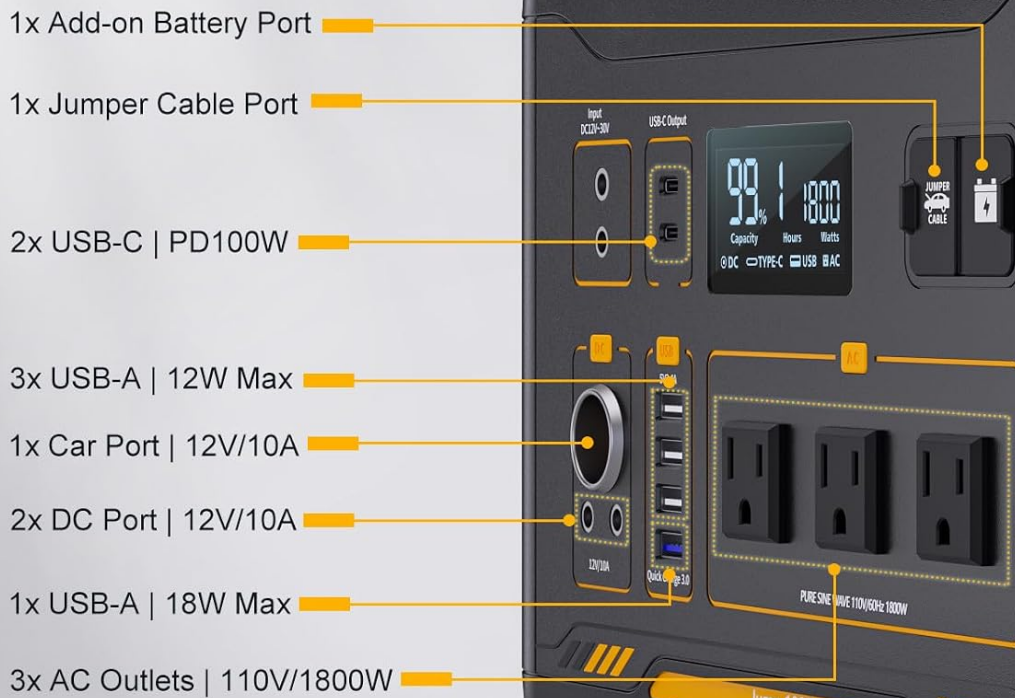


Figure 3: Overview of the 14 available output ports.

V-Beyond Technology

This technology allows the Jump 1800 to power devices slightly over its rated 1800W limit, up to 3600W, by maintaining a steady output. This is ideal for resistive loads like space heaters, toasters, and coffee makers.

V-BEYOND TECHNOLOGY

Power Up To 3600W Devices



Works for resistive loads such as space heaters, lights, toasters, ovens, and coffee makers.

Figure 4: V-Beyond Technology powering high-wattage devices.

Jumpstarter Function

The Jump 1800 can be used to jumpstart 12V vehicles. Connect the jumpstarter cables (sold separately) to the designated port on the power station and then to your vehicle's battery terminals. Follow standard jumpstarting procedures.

Video 1: Demonstrates the VTOMAN Jump 1800's capability to jumpstart a car, highlighting its utility for unexpected vehicle battery issues.

MAINTENANCE

Battery Care

The LiFePO4 battery in the Jump 1800 is designed for long-lasting performance with 3,000+ full cycles to 80% capacity. To maximize battery life, avoid completely draining the unit regularly. Store in a cool, dry place away from direct sunlight.

HUGE POWER FOR ALL YOUR NEED

1548Wh / 1800W



LIGHT (30W)

40+ HRS



50" TV (80W)

26+ HRS



JUICER (500W)

2~3 HRS



COFFEE
MAKER(1000W)

70~90 MINS



CAR REFRIGERATOR
(45W)

30~50+ HRS



VACUUM CLEANER
(700W)

90~120 MINS



CORDED STRING TRIMMER
(780W)

80~110 MINS



CIRCULAR SAW
(1300W)

50~70 MINS



Figure 5: The durable LiFePO4 battery offers superior heat resistance and 3,000+ full cycles.

General Care

Keep the power station clean and free from dust. Avoid exposing it to extreme temperatures or moisture. Use a soft, dry cloth for cleaning. Do not attempt to disassemble the unit.

TROUBLESHOOTING

If you encounter issues with your VTOMAN Jump 1800, please refer to the comprehensive user manual for detailed troubleshooting steps. Common issues may include devices not charging (check cables and power station output activation), or the unit not powering on (ensure sufficient charge level). For persistent problems, contact customer support.

SPECIFICATIONS

Specification	Value
Brand	VTOMAN
Model Name	Jump 1800
Battery Capacity	1548Wh
Battery Type	LiFePO4
AC Output	1800W (Peak 3600W), 110V-60Hz Pure Sine Wave
DC Output	2x 12V/10A (DC5521), 1x 12V/10A (Car Port)
USB-A Output	4x ports (5V/2.4A, 12W Max)
USB-C Output	2x PD 100W
DC Input	12-30V (400W Max)
Product Dimensions	14.1"L x 10.6"W x 11.1"H
Item Weight	38.6 Pounds

WARRANTY & CUSTOMER SUPPORT

The VTOMAN Jump 1800 Portable Power Station is backed by a 24-month warranty. For any inquiries or assistance, please contact VTOMAN customer service. Our team is available to assist, typically responding within 12 hours.
Email: service.us@vtoman.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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