

VoltPak 1000 Quick-Start Guide

Get up and running in under 5 minutes

In the box

- . VoltPak 1000 unit
- . 240 V AC charging cable (IEC C13)
- . DC5521 barrel cable
- . MC4 solar adapter
- . This guide

First charge

1. Connect the AC cable to the rear IEC input and a wall outlet.
2. Press the physical power button on the front panel (hold 2 s).
3. The touchscreen shows 'Charging' and real-time watt draw.
4. Charge to 100% before first use -- approximately 1.8 hours from flat.

Using the outputs

Press the AC, USB-A, or USB-C buttons on the touchscreen to enable individual output rails. Each port group has an indicator LED: amber = active, white = standby, off = disabled. The display shows live wattage per rail when selected.

Key specs at a glance

Capacity	1,024 Wh (LFP chemistry)
AC output	2,200 W continuous / 4,400 W surge
AC input	1,800 W 0-100% in 1.8 h
Solar input	800 W max MC4 connector
USB-C (x2)	140 W PD each
USB-A (x2)	18 W QC each
AC outlets (x4)	NEMA 5-15 individually switched
Noise (ECO mode)	<= 30 dB(A) at 1 m
Weight	28 lb / 12.7 kg
Dimensions	380 x 230 x 270 mm
Warranty	5 years standard

Safety notes

Do not block the front intake or rear exhaust vents.

Operate between 0 C and 40 C ambient.

The BMS disconnects loads automatically if cell temp exceeds 60 C.

Internal fuse accessible from the rear panel - M5 x30 screw, standard blade fuse.

Open hardware

VoltPak hardware is open source. PCB files, schematics, and mechanical drawings are at voltpak.com/support/manuals.

The firmware running the inverter is proprietary. Join the Discord community to dig into the hardware - we send gear to builders who go deep.