

Powerbox Pro

Powerbox Pro is a low-voltage product designed for household energy storage scenarios, supporting up to 50 units in parallel and a 10.24kWh--512kWh energy coverage. High protection level, high safety performance, easy installation, and stylish design to make it perfectly fit for the modern home.



Flexible Expansion

Up to 50 units in parallel,
10.24kWh--512kWh capacity



Easy Installation

Support wall-mounted, floor-mounted
installations, high space utilization



IP65 Protection

Fearless of outdoor insatallation,
strong environmental adaptability



Battery Equalization

Supports for mixing modules under
different SOC to ensure battery life



All-round Safety

Short-circuit lockout, surge-resis-
tant, safe and reliable

Model	Powerbox Pro
Battery Type	LiFePO ₄
Nominal Battery Energy	10.24 kWh
Operating Voltage	44.8~57.6V
Nominal Voltage	51.2V
Nominal Capacity	200Ah
Nominal Power	5.12kW
Peak Power	10.24kW
Recommended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	100A
Recommended Depth of Discharge (DOD)	90%
Net Weight	103kg
Dimension[W/D/H]	555*210*928 mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485
WiFi Module	Optional
Cycle Life *	≥6000 Cycles
Protection Level	IP65
Expansion **	Up to 50 units in parallel(This version is for production after September 2024)
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040/UKCA/CEC
Compatible Inverters	Solis/Deye/Luxpower/Voltronic/Hoymiles/Growatt/Goodwe/SMA/Victron/Ingeteam/Delios/SAJ/APS etc.

* Test conditions: 0.2C Charging& Discharging. @25°C, 90% DOD

**When old batteries are mixed with the new version, the quantity of new version batteries: Qty(new)=50-Qty(old)*2

Note: This specification is only suitable for Southeast Asia

