

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

All-round Safety

Short-circuit lockout, surge-resistant, safe and reliable

IP65 Protection

Fearless of outdoor installation, strong environmental adaptability

Battery Equalization

Cell-level battery passive balancing, prevents SOC jumps and extends battery life

Easy Installation

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

Model	Powerbox Pro
Battery Type	$LiFePO_4$(LFP)
Nominal Battery Energy	10.24 kWh
Usable Battery Energy	9.216kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Operating Voltage	44.8V~57.6V
Recommended Charge & Discharge C Rate	0.5C (100A)
Peak Discharge Current (25°C)	110A, 15s
Recommended Charge & Discharge Power	5.12kW
Depth of Discharge (DOD)	90%
Charge Temp. Range	0~55°C
Discharge Temp. Range	-20°C~55°C
Net Weight	99.3kg
Dimension[W/D/H]	555/210/928mm
Protection Level	IP65
Communication	CAN/RS485
Cycle Life [1]	≥6000 Cycles
User Interface	WIFI+APP(optional)
Installation	Floor-mounted,Wall-mounted
Expansion	Up to 50 units in parallel
Warranty Period [2]	10 Years
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040/UKCA/CEC
Compatible Inverters	SMA/Schneider/Victron Energy/Ingeteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/Deye/Apsystem etc.

[1] Test conditions: 0.2C Charging& Discharging, 25°C, 90% DOD, 70%EOL
[2] Refer to Dyness Warranty Letter