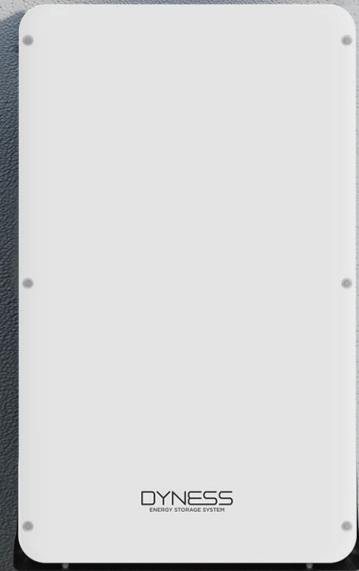


Powerbox Pro

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	Lithium-iron Phosphate (LiFePO ₄)
Nominal Battery Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Recomended Charge & Discharge C Rate	0.5C (100A)
Usable Battery Energy	9.216 kWh
Recommended Charging & Discharging Power	5.12kW
Depth of Discharge (DOD)	90%
Charging Temp. Range	0°C~55°C
Discharging Temp. Range	-20°C~55°C
Net Weight	99.3kg
Dimension[W/D/H]	555/210/928 mm
Cycle Life *	≥6000 Cycles
Installation	Wall-mounted, Floor-mounted
Protection Level*	IP65
Communication	CAN/RS485
Expansion	Up to 50 units in parallel
WIFI Module	Optional
Certification	UN38.3/CE-EMC/IEC62619/IEC62040/UKCA/CEC
Compatible Inverters	SMAVictron energy/Ingeteam/Solis/GoodWe/Growatt/Solplanet/Luxpower/DEYE/Apsystem etc.
Country of Manufacture	China

* Test conditions: 0.2C Charging& Discharging. @25 °C, 90% DOD, 70%EOL

