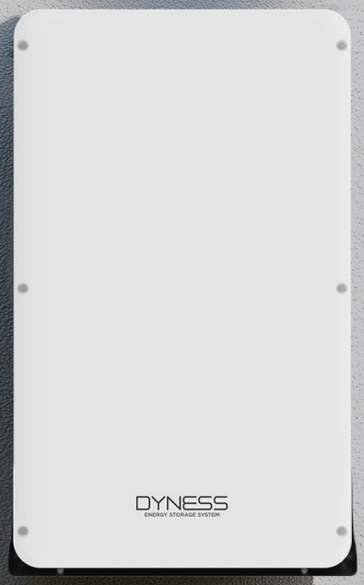
VIỆT NAM SOLAR
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DYNESS

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 insatallition, strong environmental adaptability

Battery Equalization

Supports for mixing modules under different SOC to ensure battery life

All-round Safety

Short-circuit lockout, surge-resistant, 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
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	100A
Recommended Depth of Discharge (DOD)	90%
Net Weight	99.3kg
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
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040/UKCA/CEC
Compatible Inverters	SMA/Schneider/Victron energy/Ingeteam/Solis/GoodWe/Growatt/Soplanet/Luxpower/DEYE etc.

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