



B3

ENERGY STORAGE SOLUTIONS

The upgraded version B3 is tailored for residential, supports APP monitoring, and can be upgraded remotely. LiFePO4 battery performance safety, longer cycle life to guard the warmth of the home.

Features and advantages



APP Monitoring
Remote upgrade available



Modular Design
Flexible expansion



Wide Compatibility
Matching with leading inverter brands



Easy Installation
Pull ear and buckle design



High Safety
LFP & smart BMS



Light Weight
Compact Design

Technical Parameters

Model	B3
Battery Type	LiFePO4
Nominal Battery Energy	3.6kWh
Nominal Capacity	75Ah
Nominal Voltage	48V
Charging Cut-off vol.	54V
Discharging End-of vol.	42V
Rated DC Power	1.8kW
Rated Charge/Discharge Current	37.5A
Max. Power Charge/Discharge Current	75A
Peak Power Charge/Discharge Current	100A(15s)
Depth of Discharge	90%
Net Weight	32.5kg
Dimension[W*D*H]	480*405*132mm
Charging Temp. Range	0~50 °C
Discharging Temp. Range	-10~50 °C
Communication	CAN/RS485
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life ^[1]	≥6000 Cycles
Protection Level	IP20
Configuration	Up to 40 units in parallel
Alarms	Overcharge/Overdischarge/Overcurrent/ Overtemperature/Short Circuit
Pros	Can be used in both off-grid and hybrid setups, compact design
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/ Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	UN38.3/IEC62619/IEC62040/CEC undergoing

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD