



POWER BOX-US

UN38.3 / UL1973 / UL9540A / UL9540

sales@sunbeatenergy.com

www.sunbeatenergy.com



Powerbox-US is an LFP energy storage battery with safe performance and long cycle life, offering various capacity options to meet different customers' application needs. With a unique and compact design, it can be installed on the floor or wall-mounted, depending on the client's willingness.

IP NEMA 4X
High protection level

Expandable Capacity
Up to 51.2kWh

Easy Installation
Plug and play

Various Installation
Wall-mounted or floor-standing

Model	PowerboxPro-US
Battery Type	LiFePO4
Nominal Battery Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Working Voltage	44.8~57.6V
Recommend Output Power	5.12kW
Max Output Power	7.68KW
Recommended Charge/Discharge Current	100A
Max.Charge/Discharge Current	150A
Peak Power Charge/Discharge Current	200A(15s)
Recommended Depth of Discharge	90%
Weight	227 lbs
Dimension [W*H*D, inch]	21.85*36.54*8.27
Charging Temp. Range	32°F~131°F
Discharging Temp. Range	-4°F~131°F
Communication	CAN/RS485/RS232
Warranty	10 Years
Warranty Document Supplied	Yes
Cycle Life	≥6000 Cycles
Enclosure Protection	NEMA 4X
Expansion	Up to 5 units in parallel
Color	White
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit
Safe & Protection	Each system has smart BMS, breaker embedded in system
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion
Compatible Inverters	Hoymiles
Certification & Safety Standard	UN38.3/UL1973/UL9540A/UL9540

[1]Test conditions:0.2C Charging/Discharging,@77 ℉ ,80% DOD