



# POWER BOX-US

UN38.3 / UL1973 / UL9540A / UL9540

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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.



**NEMA 4X**  
High protection level



**Expandable Capacity**  
Up to 512kWh



**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	≥ 8000 Cycles
Enclosure Protection	NEMA 4X
Expansion	Up to 50 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
Certification & Safety Standard	UN38.3/UL1973/UL9540A/UL9540

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