



PowerX series

Low-voltage rack battery



Mature and Reliable

Long Lifespan, cycle > 6000 times, 15-year calendar life

Smart Management, integrated one-stop BMS, one package one management

Wide compatibility, low-voltage battery, widely compatible with high-quality inverter brands



Ultimate Flexibility

Various wiring and installation methods, including stacking, wall-mounting, and built-in cabinet installation

Optional models, quick plug and lock screw power connections available

Convenient expansion, 16pcs parallel expansion, one-click upgrade



Economical and Safe

Low-cost control, innovative internal structure Simplified design, refined material selection, ensuring quality and cost-effectiveness

Cell firewall, cell-level fire partition Effectively prevent thermal runaway and heat spread

SYSTEM PARAMETER

Item	PowerX E5
	
Cell type	LiFePO4
Nominal energy	5.12kWh
Nominal capacity	100Ah
Rated voltage	51.2Vdc
Operating voltage range	44.8Vdc~57.6Vdc
Maximum charge/discharge current	100A/100A
DOD	95%
Communication	RS485, CAN, WIFI(Optional)
Expansion	Up to 16 units in parallel
Dimensions (W*D*H)	440*535*130 mm
Weight	≈45kg
Temperature	Charge: -10~50°C; Discharge: -20~50°C
Humidity	5~95%RHNo condensation
Altitude	< 2000m
Protection level	IP20
Installation	Indoor, wall-mounted, stacked, built-in rack housing; Fence lock screw power connection or push-in power connection
Cycle life	> 6000@ 25 °C@ 0.5C
Certification	IEC62619/CE/UN38.3/RoHs/UL1973/UL9540A/FCC