



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
Operating temperature	Charge: -10~50℃; Discharge: -20~50℃
Humidity	5~95%RH, No 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℃@ 0.5C
Certification	IEC62619/CE/UN38.3/RoHs/UL1973/UL9540A/FCC

PowerX series Low-voltage rack battery



Flexible
application
for easy installation



Leading
management and
intelligent O&M



Safe, reliable
and affordable



Good charging
and discharging
performance



Compatible with
a wide range
of inverters