



PowerX series

High voltage stacked battery



Fast stacking

Stack mount, block modular design, stack mount from bottom to top
Blind plug connection, avoid manual wiring, the installation time is reduced to 10 minutes



Flexible configuration

Convenient series expansion, each stack one module, increase 5kWh capacity
Parallel expansion is convenient, support 2~ 3 clusters of parallel machine use, parallel capacity up to 90kWh



Wide compatibility

Suitable for mainstream inverter, intelligent BMS, compatible with mainstream inverter
Automatic addressing, plug and play, no dial-up, flexible and efficient



SYSTEM PARAMETER

Item	PowerX S5
Cell type	LiFePO4
Nominal energy	5.12kWh
Nominal capacity	50Ah
Rated voltage	102.4Vdc
Operating voltage range	91.2Vdc~115.2Vdc
Maximum charge/discharge current	25A/40A
DOD	95%
Communication	RS485, CAN, WIFI
Expansion	1000V System (Up to 8 battery modules can be connected in series)
Dimensions (W*D*H)	Control box + base: 636*330*265 mm Single cell layer: 636*330*188 mm
Weight	Control box + base: ≈28kg Single module layer: ≈48kg
Temperature	Charge: -10~50°C; Discharge: -20~50°C
Humidity	5~95%RH, No condensation
Altitude	< 2000m
Protection level	IP65
Installation	Stacked to the ground
Cycle life	> 6000@25°C@0.5C
Certification	IEC62619/IEC60730/CE/IEC62040/UN38.3/RoHs

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Frankfurt, Germany
Milano, Italy
ASIA: Shenzhen&Shanghai, China

 **Service Center
& Warehouse**
EUR: Rotterdam, Netherland
Frankfurt, Germany
Fermo, Italy