



X Series Lithium Battery

51.2V 200AH 10.24KWH

- Safety and Intelligent**

Long life LiFePO4 cells, high energy density, build in BMS and passive protection

- Easy to Install and Use**

Modular design, simple operation

- Long Life Span**

10 years design life, more than 6000cycles

- Adaptable to Harsh Environment**

Adapt to wide range of temperature and humidity

- Support Bluetooth/WIFI function (optional)**

Can be controlled remotely to reduce operation and maintenance costs

- Multi-scenario application**

Household use, small industrial and commercial applications



Technical Parameters

Module ID	SAS51200
Nominal voltage(V)	51.2
Nominal capacity(AH)	200
Energy(KWH)	10.24
Internal Resistance	$\leq 200\text{m}\Omega$
Cycle Life	≥ 6000 ($25^\circ\text{C} \pm 2^\circ\text{C}$, 0.5C / 0.5C, 90%DOD)
Months Self Discharge	<3%
Charge Mode	CC/CV
Operating Voltage (V)	43.2~57.6 (Max discharge/Max charge)
Max (Dis)charge Current(A)	200
Recommend (Dis)charge Current(A)	100
BMS(A)	200
Operating Temperature	Charge : $0 \sim 55^\circ\text{C}$ / Discharge : $-20^\circ\text{C} \sim 55^\circ\text{C}$
Water Dust Resistance	IP20(IP54 OPTIONAL)
Cell & Method	3.2V100Ah-16S2P
Protocol (optional)	RS232/RS485/CAN/BLUETOOTH/WIFI
Safety & Certification	CELL:UL1642/UL1973/IEC62619/CE/CB/UN38.3/UL9540/ROHS/REACH
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Net Weight (kg)	88
Gross Weight (kg)	98
Size (mm)	812*513*205(D*W*H)
Package Size (mm)	900*560*384
Qty of Loading	120pcs 20ft/240pcs 40ft

Notes

*File version: 2026V1-EN

*Weight and Size of the battery module is based on the actual product, with a tolerance of * 3% allow

*Specifications may vary during continuous improvements, pls contact us for latest details.

*The installation of battery packs is related to product quality assurance, safe and stable operation. Please follow the requirements of the user manual for standardized installation, use, and routine maintenance.