

X Series

Lithium Battery

25.6V100AH 25.6KWH

• 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	SAS25100
Nominal voltage(V)	25.6
Nominal capacity(AH)	100
Energy(KWH)	2.56
Internal Resistance	$\leq 200\text{m}\Omega$
Cycle Life	≥ 6000 ($25\text{C} \pm 2\text{C}$, 0.5C / 0.5C, 90%DOD)
Months Self Discharge	<3%
Charge Mode	CC/CV
Operating Voltage (V)	21.6~28.8(Max discharge/Max charge)
Max (Dis)charge Current(A)	100
Recommend (Dis)charge Current(A)	50
BMS(A)	100
Operating Temperature	Charge : 0 ~ 55°C / Discharge : -20°C ~ 55°C
Water Dust Resistance	IP20(IP54 OPTIONAL)
Cell & Method	3.2V100Ah-8S1P
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)	25.4
Gross Weight (kg)	26.8
Size (mm)	400*322*193
Package Size (mm)	434*414*252
Qty of Loading	450pcs 20ft/900pcs 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.



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