

# SAS51100-W



### Perfect Compatibility

Compatible to most inverter brands on the market



### Premium Cell

Tier one new Grade A only



### Fast Installation

Plug & Play battery interface



### Compact Design

Mobile type with small footprint



### Safety

BMS & Breaker two Level protection



### Long Life

6000 cycles long working lifespan

# Technical Parameters

Nominal voltage	51.2V
Nominal capacity	100ah
Energy	5120wh
Internal Resistance	≤200mΩ
Cycle Life	>6000 cycles @ 0.2C 100%D.O.D
Months Self Discharge	<3%
Efficiency of Charge	99.5%@ 0.2C
Efficiency of Discharge	96-99%@ 1C
Charge Voltage	58.4±0.5V
Charge Mode	CC/CV
Continue Charger Current	20A (50) A
Max Continue Charge Current	100A
Charge Cut-off Voltage	58.4
Continuou discharge Current	20A (50) A
max Continuou discharge Current	100A
Discharge Cut-off Voltage	43.2V
Charge Temperature	0 C to 45 C
Discharge Temperature	-20 C to 55 C
Storage Temperature	-10 C to 40 C
Water Dust Resistance	IP20
Cell & Method	100ah 16S1P
Dimensions (in./mm.)	731*425*240(H*W*D)
Weight (lbs./kg.)	52KG
Terminal	M8 Quick plug terminal
Protocol (optional)	RS232/RS485/CAN/BLUETOOTH/WIFI
BMS	100A
Safety & Certification	CELL:UL1642/UL1973/IEC62619/CE/CB/UN38.3/UL9540/ROHS/REAC
Wooden box package size(mm)	780*475*290mm
Quantity of loading	280pcs/20ft 470pcs/40ft

# Compatibility Inverters



\*Only a part of inverter brands are shown, please contact us for more information.