

SAS51314-LV

51.2V 314Ah

LFP Battery



PRODUCT FEATURE



HIGH CYCLE LIFE

Can achieve 8000 cycles at 90% state of charge, effectively reducing total cost of ownership.



FAST CHARGING SPEED

High charge and discharge efficiency, reducing equipment downtime and saving more time.



HIGHLY ADAPTABLE

Strong environmental adaptability, can withstand up to 60°C.



SAFER

Real-time monitoring of PDU for better system protection.



EASY TO STORE

Due to its extremely low self-discharge rate (LSD) and no risk of sulfation, it can last up to 6 months.



MORE PORTABLE

Lithium batteries provide more watt-hours per kilogram while weighing only one-third of their SLA equivalents.



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Rechargeable LITHIUM IRON PHOSPHATE (LiFePO₄) Battery

DATASHEET

MODEL

Rated voltage (V):	51.2
Rated capacity (Ah):	314
Rated energy of battery (kWh):	16.08
Voltage range (V):	44.8~57.6
Recommended charging current (A):	157
Recommended discharge current (A):	157
Charging temperature (C):	0~55
Discharge temperature (C):	-20~60
Storage temperature (C):	-10~40
Size(mm):	503*233*880
Weight (kg):	122
Port communication:	RS485、RS233、CAN
Display:	LED strip light+LCD
Wireless communication:	Bluetooth
Cycle life:	>6000(0.5C@25C,90% DOD)
Design lifespan (years):	10
Security and Authentication:	CE,EMC
Transportation:	UN38.3

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

