

# 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 (LiFePO<sub>4</sub>) 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

