

NEW M2 Series

# Mobile Batteries



( Button version )

## Product Feature



• **Safety and Intelligent**  
Long life LiFePO4 cells, high energy density, build in BMS and passive protection



• **Adaptable to Harsh Environment**  
Adapt to wide range of temperature and humidity



• **Easy to Install and Use**  
Modular design, simple operation



• **Support Bluetooth/WIFI function (optional)**  
Can be controlled remotely to reduce operation and maintenance costs



• **Long Life Span**  
15 years design life, more than 8000cycles



• **Multi-scenario application**  
Household use, small industrial and commercial applications

## DATASHEET

## Mobile Batteries

MODEL	SAS51314-W2
Rated voltage (M):	51.2
Rated capacity (Ah):	314
Rated energy of battery (kWh):	16.08
Voltage range (M):	44.8-57.6
Recommended charging current (A):	157
Recommended discharge current (A):	157
Charging temperature (C):	0~55
Discharge temperature (C):	-20~55
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:( 25±2°C, 0.5C/0.5C,90%DOD )	≥8000
Design lifespan (years):	15
Compatible with inverter	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Safety & Certification	CELL:UL1642/UL1973/IEC62619/CE/CB/UN38.3/UL9540/ROHS/REACH

\*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