



SAIL SOLAR ESS Brochures



SAIL SOLAR ENERGY CO., LTD



WeChat



WhatsApp

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*If the product information is updated or corrected, no separate notice will be given. The latest product information can be obtained directly by contacting our company

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Company Profiles

SAIL SOLAR is located in Anhui, china, with ¹⁶ years energy storage experience, focuses on mid-to-high-end energy storage markets all over the world. As a high-tech company in solar photovoltaic and energy storage , SAIL SOLAR offers eco-friendly, smart, sustainable solar photovoltaic and energy storage solutions

To meet diverse market and customer needs, SAIL SOLAR has expanded its range to solar panel, off-grid and hybrid inverters, integrated storage systems etc.

SAIL SOALR is committed to providing customers with intelligent energy solutions, maximizing the use of green energy and makinopositive contributions to qlobal carbon neutral-ity.



Workers



Area



Global Footprints



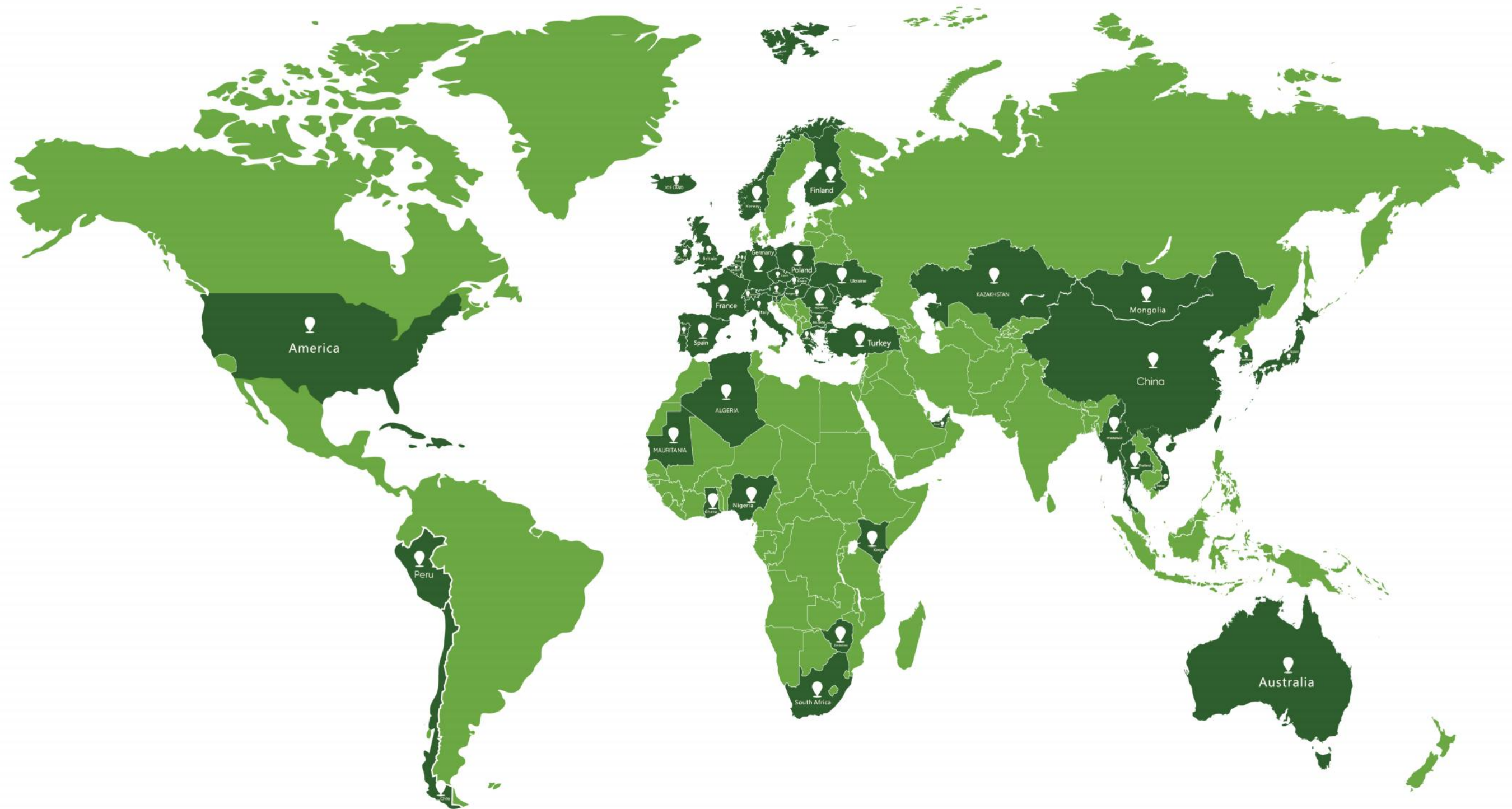
Serve



Supply chain



Global Layout



 Main Shipping Areas



Lithium Battery LV

X Series

Y Series

M Series

S Series

X Series

Rack Lithium Battery Module



Rack Lithium Battery Module

DATASHEET

MODEL	SAS51100	SAS51200	SAS51314
Nominal voltage(V)	51.2		
Nominal capacity(AH)	100	200	314
Energy(KWH)	5.12	10.24	16.07
Internal Resistance	≤200mΩ		
Cycle Life	≥6000 (25℃±2℃, 0.5C / 0.5C, 90%DOD)		
Months Self Discharge	<3%		
Charge Mode	CC/CV		
Operating Voltage (V)	43.2~57.6(Max discharge/Max charge)		
Max (Dis)charge Current(A)	100	200	200
Recommend (Dis)charge Current(A)	50	100	100(157 optional)
BMS(A)	100	200	200
Operating Temperature	Charge : 0 ~ 55℃ / Discharge : -20℃ ~ 55℃		
Water Dust Resistance	IP20(IP54 OPTIONAL)		
Cell & Method	3.2V100Ah-16S1P	3.2V100Ah-16S2P	3.2V314AH 16S1P
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.		
Neight Weight (kg)	47	88	110
Gross Weight (kg)	52	98	123
Size (mm)	550*482*133(D*W*H)	812*513*205(D*W*H)	740*482*222(D*W*H)
Package Size (mm)	652*542*205	900*560*384	900*560*384
Qty of Loading	300pcs 20ft/520pcs 40ft		120pcs 20ft/210pcs 40ft

*File version: 2026V1-EN

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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

10 years design life, more than 6000cycles



• Multi-scenario application

Household use, small industrial and commercial applications



X2 Series

Rack Lithium Battery Module



Rack Lithium Battery Module

DATASHEET

MODEL	SAS51100-LZ	SAS51200-LZ	SAS51300-LZ
BATTERY PARAMETERS			
Rated voltage (V)	51.2		
Rated capacity (Ah)	100	205	314
Rated energy of battery (kWh)	5.12	10.49	16.08
Weight (kg)	48	95.8	125.8
Dimensions: L*W*H(mm)	440*440*133	675.8*478*278	838.5*478*278
Recommended charging current (A)	50	100	157
Recommended discharge current (A)	50	100	157
OPERATING PARAMETERS			
Charging temperature (°C)	0~55		
Discharge temperature (°C)	-10~60		
Storage temperature (°C)	-10~40		
Operating humidity	—	10%~95% [No condensation]	
Storage humidity	—	5%~95% [No condensation]	
Multi-module (connection)	—	2PCS Parallel (Min)/16PCS Parallel (Max)	
SYSTEM PARAMETERS			
Rated energy (kWh)	—	21/168	32.15/257.22
Operating voltage range (V)	44.8~57.6		
Size: Length * Width * Height (mm)	—	675.8*478*556/675.8*1500*1668	850*478*556/850*1500*1668
Weight (kg)	—	191.6/1532.8	251.6/2012.8
Port communication	RS485,RS232,CAN		
IP rating	—	IP20	
Compatible with inverter	Growatt,Solis Goodwe,Sol-Ark,SRNE,DEYE		
Cycle life	>6000(0.5C@ 25°C,90% DOD)		
Design lifespan (years)	15		

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Household use, small industrial and commercial applications

Y Series Wall Mounted



Wall Mounted

MODEL	SAS51100-WM	SAS51200-WM
Nominal voltage(V)	51.2	
Nominal capacity(AH)	100	200
Energy(KWH)	5.12	10.24
Internal Resistance	≤200mΩ	
Cycle Life	≥6000 (25°C ±2°C , 0.5C / 0.5C, 90%DOD)	
Months Self Discharge	<3%	
Charge Mode	CC/CV	
Operating Voltage (V)	43.2~57.6(Max discharge/Max charge)	
Max (Dis)charge Current(A)	100	200
Recommend (Dis)charge Current(A)	50	100
BMS(A)	100	200
Operating Temperature	Charge : 0 ~ 55°C / Discharge : -20°C ~ 55°C	
Water Dust Resistance	IP20(IP54 OPTIONAL)	
Cell & Method	3.2V100Ah-16S1P	3.2V100Ah-16S2P
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.	
Neight Weight (kg)	51	90
Gross Weight (kg)	56	100
Size (mm)	600*440*168(D*W*H)	780*505*168(D*W*H)
Package Size (mm)	680*530*250	900*560*384
Qty of Loading	224pcs 20ft/448pcs 40ft	

Product Feature



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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
10 years design life, more than 6000cycles



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

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Y2 Series

Wall Mounted/Mobile



Wall Mounted/Mobile



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Modular design, simple operation



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

MODEL

SAS51200-WM/M

BATTERY PARAMETERS

Rated voltage (V)	51.2
Rated capacity (Ah)	200

OPERATING PARAMETERS

Rated energy of battery (kWh)	10.49
Voltage range (V)	44.8~57.6
Recommended charging current (A)	100
Recommended discharge current (A)	100
Charging temperature (°C)	0~55
Discharge temperature (°C)	-10~60
Storage temperature (°C)	-10~40

SYSTEM PARAMETER

Size: Length * Width * Height (mm)	453*228*750
Weight (kg)	90.6
Port communication	RS485,RS232,CAN
Display	LED+LCD
Wireless communication	WiFi,Bluetooth
Compatible with inverter	Growatt,Solis Goodwe,Sol-Ark,SRNE,DEYE
Cycle life	>6000(0.5C@25°C,90% DOD)
Design lifespan (years)	15

CERTIFICATION

Security and Authentication	CE,EMC
Transportation	UN38.3

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M Series Mobile Batteries



Mobile Batteries

MODEL	SAS51280-W	SAS51314-W
Nominal voltage(V)	51.2	
Nominal capacity(AH)	280	314
Energy(KWH)	14.336	16.07
Internal Resistance	≤200mΩ	
Cycle Life	≥6000 (25 °C ±2 °C, 0.5C / 0.5C, 90%DOD)	
Months Self Discharge	<3%	
Charge Mode	CC/CV	
Operating Voltage (V)	43.2~57.6(Max discharge/Max charge)	
Max (Dis)charge Current(A)	200	200
Recommend (Dis)charge Current(A)	100(140 optional)	100(157 optional)
BMS(A)	200	200
Operating Temperature	Charge : 0 ~ 55 °C / Discharge : -20 °C ~ 55 °C	
Water Dust Resistance	IP20(IP54 OPTIONAL)	
Cell & Method	3.2V280Ah-16S1P	3.2V314Ah-16S1P
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.	
Neight Weight (kg)	117	
Gross Weight (kg)	130	
Size (mm)	854*500*300(H*W*D)	
Package Size (mm)	945*625*510	
Qty of Loading	84pcs/20ft 168pcs/40ft	

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Product Feature



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· 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
10 years design life, more than 6000cycles



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

NEW M Series

Mobile Batteries



Mobile Batteries



MODEL	SAS51314
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):	-20~60
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

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Household use, small industrial and commercial applications

NEW M Series Mobile Batteries

Mobile Batteries



MODEL	SAS51314
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):	-20~60
Storage temperature (C):	-10~40
Size(mm):	503*233*880
Weight (kg):	122
Port communication:	RS485、RS233、CAN
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· Adaptable to Harsh Environment

Adapt to wide range of temperature and humidity

· Easy to Install and Use

Modular design, simple operation



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10 years design life, more than 6000cycles



· Multi-scenario application

Household use, small industrial and commercial applications

S Series

Stackable Low Voltage Lithium Battery



Stackable Low Voltage Lithium Battery

DATASHEET

MODEL

Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh/10.24kWh
Nominal Capacity	100Ah/200Ah
Nominal Voltage	51.2V
Net Weight	48KG/80KG
Dimension(W/D/H)	650×410×333mm/530*520*239mm
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI
Cycle Life*	6000 cycles 80% DOD,0.5C
Protection Level	IP20
Expansion	Up to 6 units in parallel
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

Battery Module Quantity	2-6units	2-6units
Nominal Battery Energy	5.12kWh*N(N=2-6)	10.24kWh*N(N=2-6)
Nominal Capacity	100AH*N(N=2-6)	200AH*N(N=2-6)
Nominal Voltage	51.2V	51.2V
Max.Power Output	5.12kW*N(N=2-6)	10.24kW*N(N=2-6)
Discharge Cut-off Voltage	43.2V	43.2V
Charge Cut-off Voltage	57.6V	57.6V
Recommend Charging Current	50A	100A
Recommend Discharging Current	50A	100A
Max Charge/Discharge Working Current (A)	100A	200A
Net Weight	48KG*N(N=2-6)	80KG*N(N=2-6)

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Adapt to wide range of temperature and humidity



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Modular design, simple operation



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



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10 years design life, more than 6000cycles



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



Stackable and Rack High Voltage Lithium Battery

Z Series

R Series

Z Series Stackable High Voltage Lithium Battery



Rechargeable LITHIUM IRON PHOSPHATE (LiFePO4) Battery

DATASHEET

MODEL

Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Net Weight	40.8kg
Dimension(W/D/H)	482*475*133mm
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI
Cycle Life*	6000 cycles 80% DOD,0.5C
Protection Level	IP20
Expansion	Up to 15 units in series
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

Stackable Type

SAS-20.48kWh-Z

	4-7units	8-11units	12-15units
Battery Module Quantity	4-7units	8-11units	12-15units
Nominal Battery Energy	5.12kWh*N(N=4-7)	5.12kWh*N(N=8-11)	5.12kWh*N(N=12-15)
Nominal Capacity	100AH	100AH	100AH
Nominal Voltage	5.12V*N(N=4-7)	5.12V*N(N=8-11)	5.12V*N(N=12-15)
Max.Power Output	5.12kW*N(N=4-7)	5.12kW*N(N=8-11)	5.12kW*N(N=12-15)
Discharge Cut-off Voltage	44V*N(N=4-7)	44V*N(N=8-11)	44V*N(N=12-15)
Charge Cut-off Voltage	56.8V*N(N=4-7)	56.8V*N(N=8-11)	56.8V*N(N=12-15)
Recommend Charging Current	50A	50A	50A
Recommend Discharging Current	50A	50A	50A
Max Charge/Discharge Working Current (A)	100A	100A	100A
Net Weight	40.2KG*N(N=4-7)	40.2KG*N(N=8-11)	40.2KG*N(N=12-15)

Working temperature Charge : 0 ~ 55°C / Discharge : -20°C ~ 55°C

Design Life 10 years+

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*Each column can hold a maximum of 6 batteries plus one high-voltage box, please confirm the number of batteries per column with the sales team.



Product Feature



• HIGH CYCLE LIFE

Can achieve 6000 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.



• EASY TO STORE

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

Z Series Stackable High Voltage Lithium Battery



HIGH VOLTAGE LITHIUM BATTERY

DATASHEET

MODEL

Battery Type	LiFePO4
Nominal Battery Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Net Weight	91.2kg
Dimension(W/D/H)	685*478*278mm
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI
Cycle Life*	6000 cycles 80% DOD,0.5C
Protection Level	IP20
Expansion	Up to 15units in series
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

Stackable Type

SAS-20.48kWh-Z

	3-6units	7-10units	11-15units
Battery Module Quantity	3-6units	7-10units	11-15units
Nominal Battery Energy	10.24kWh*N(N=3-6)	10.24kWh*N(N=7-10)	10.24kWh*N(N=11-15)
Nominal Capacity	200AH	200AH	200AH
Nominal Voltage	51.2V*N(N=3-6)	51.2V*N(N=7-10)	51.2V*N(N=11-15)
Max.Power Output	10.24kW*N(N=3-6)	10.24kW*N(N=7-10)	10.24kW*N(N=11-15)
Discharge Cut-off Voltage	44V*N(N=3-6)	44V*N(N=7-10)	44V*N(N=11-15)
Charge Cut-off Voltage	56.8V*N(N=3-6)	56.8V*N(N=7-10)	56.8V*N(N=11-15)
Recommend Charging Current	100A	100A	100A
Recommend Discharging Current	100A	100A	100A
Max Charge/Discharge Working Current (A)	200A	200A	200A
Net Weight	91.2KG*N(N=3-6)	91.2KG*N(N=7-10)	91.2KG*N(N=11-15)
Working temperature	Charge : 0 ~ 55°C / Discharge : -20°C ~ 55°C		
Design Life	10 years+		

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Z Series Stackable High Voltage Lithium Battery



HIGH VOLTAGE LITHIUM BATTERY



DATASHEET

MODEL

Battery Type	LiFePO4
Nominal Battery Energy	16.07kWh
Nominal Capacity	314Ah
Nominal Voltage	51.2V
Net Weight	119kg
Dimension(W/D/H)	798*478*278mm
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI
Cycle Life*	8000 cycles 80% DOD,0.5C
Protection Level	IP20
Expansion	Up to 15units in series
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

Stackable Type

SAS-20.48kWh-Z

	7-9units	10-12units	13-15units
Battery Module Quantity	7-9units	10-12units	13-15units
Nominal Battery Energy	16.07kWh*N(N=7-9)	16.07kWh*N(N=10-12)	16.07kWh*N(N=13-15)
Nominal Capacity	314AH	314AH	314AH
Nominal Voltage	51.2V*N(N=7-9)	51.2V*N(N=10-12)	51.2V*N(N=13-15)
Max.Power Output	16.07kW*N(N=7-9)	16.07kW*N(N=10-12)	16.07kW*N(N=13-15)
Discharge Cut-off Voltage	44V*N(N=7-9)	44V*N(N=10-12)	44V*N(N=13-15)
Charge Cut-off Voltage	56.8V*N(N=7-9)	56.8V*N(N=10-12)	56.8V*N(N=13-15)
Recommend Charging Current	100A	100A	100A
Recommend Discharging Current	100A	100A	100A
Max Charge/Discharge Working Current (A)	200A	200A	200A
Net Weight	119KG*N(N=7-9)	119KG*N(N=10-12)	119KG*N(N=13-15)
Working temperature	Charge : 0 ~ 55°C / Discharge : -20°C ~ 55°C		
Design Life	10 years+		

Product Feature



· HIGH CYCLE LIFE

Can achieve 6000 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.



· EASY TO STORE

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

*File version: 2026V1-EN

*Weight and Size of the battery module is based on the actual product.

*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.

*Each column can hold a maximum of 6 batteries plus one high-voltage box, please confirm the number of batteries per column with the sales team.

R Series

Rack High Voltage Lithium Battery



RACK HIGH VOLTAGE LITHIUM BATTERY



DATASHEET

MODEL

Battery Type	LiFePO4
Nominal Battery Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Net Weight	80kg
Dimension(W/D/H)	442*620*223mm
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI
Cycle Life*	6000 cycles 80% DOD,0.5C
Protection Level	IP20
Expansion	Up to 15 units in series
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

Stackable Type

SAS-20.48kWh-Z

	3-6units	7-10units	11-15units
Battery Module Quantity	3-6units	7-10units	11-15units
Nominal Battery Energy	10.24kWh*N(N=3-6)	10.24kWh*N(N=7-10)	10.24kWh*N(N=11-15)
Nominal Capacity	200AH	200AH	200AH
Nominal Voltage	51.2V*N(N=3-6)	51.2V*N(N=7-10)	51.2V*N(N=11-15)
Max.Power Output	10.24kW*N(N=3-6)	10.24kW*N(N=7-10)	10.24kW*N(N=11-15)
Discharge Cut-off Voltage	44V*N(N=3-6)	44V*N(N=7-10)	44V*N(N=11-15)
Charge Cut-off Voltage	56.8V*N(N=3-6)	56.8V*N(N=7-10)	56.8V*N(N=11-15)
Recommend Charging Current	100A	100A	100A
Recommend Discharging Current	100A	100A	100A
Max Charge/Discharge Working Current (A)	200A	200A	200A
Net Weight	98KG*N(N=3-6)	98KG*N(N=7-10)	98KG*N(N=11-15)
Working temperature	Charge : 0 ~ 55 °C / Discharge : -20 °C ~ 55 °C		
Design Life	10 years+		

Product Feature

- Flexible Expansion
- Long-term Reliability
- Economical
- IP20
- Battery Protection
- Wide Compatibility

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R Series

Rack High Voltage Lithium Battery



RACK HIGH VOLTAGE LITHIUM BATTERY



DATASHEET

MODEL

Battery Type	LiFePO4
Nominal Battery Energy	16.07kWh
Nominal Capacity	314Ah
Nominal Voltage	51.2V
Net Weight	115kg
Dimension(W/D/H)	801*532*233mm
Communication	RS232/RS485/CAN/BLUETOOTH/WIFI
Cycle Life*	6000 cycles 80% DOD,0.5C
Protection Level	IP20
Expansion	Up to 15 units in series
Compatible Inverters	Deye/GoodWe/Solis/SAJ/Sinexcel/Hoymiles/Growatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

Stackable Type

	SAS-20.48kWh-Z	
Battery Module Quantity	7-11units	12-15units
Nominal Battery Energy	16.07kWh*N(N=7-11)	16.07kWh*N(N=12-15)
Nominal Capacity	314AH	314AH
Nominal Voltage	51.2V*N(N=7-11)	51.2V*N(N=12-15)
Max.Power Output	16.07kW*N(N=7-11)	16.07kW*N(N=12-15)
Discharge Cut-off Voltage	44V*N(N=7-11)	44V*N(N=12-15)
Charge Cut-off Voltage	56.8V*N(N=7-11)	56.8V*N(N=12-15)
Recommend Charging Current	100A	100A
Recommend Discharging Current	100A	100A
Max Charge/Discharge Working Current (A)	200A	200A
Net Weight	130KG*N(N=7-11)	130KG*N(N=12-15)
Working temperature	Charge : 0 ~ 55°C / Discharge : -20°C ~ 55°C	
Design Life	10 years+	

Product Feature



Flexible Expansion



Long-term Reliability



Economical



IP20



Battery Protection



Wide Compatibility

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