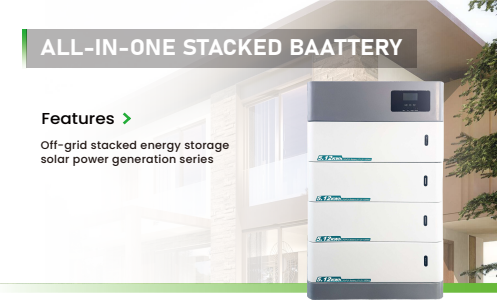
ALL-IN-ONE STACKED BAATTERY



Features >

Off-grid stacked energy storage solar power generation series

Optional Customization Types

- BMS Circuit boards
  BMS Multiple protection
- LiFePO4 battery
  Highersafety perfomnance
- 10+ year life span
  6000+ cycles
- Voltage balance
  Consistent battery discharge
- 360 Universal Wheel
  Easy to move easy to instal
- 16 battery packs in parallel Meeting the demand for electricity

Connection diagram



TECHNICAL PARAMETER

Model	A48V100ST-6KW	A48V314ST-12KW
Energy storage battery pack		
Rated capacity	5120Wh	16076Wh
Battery capacity	100Ah	314Ah
Battery voltage	51.2V	51.2V
Battery model	LifePo4 battery	LifePo4 battery
Protection measures	BMS	BMS
Maximum current	100A	200A
IP rating	21	21
Single group weight	50KG	110KG
Product each size	180*590*400	250*700*450
Stacking number of layers	1-8	1-6
Communication connection	RS232,RS485,CAN	RS232,RS485,CAN
Product certification	UN38.3,MSDS,IEC	UN38.3,MSDS,IEC
Operating temperature	-10°C-60°C	-10°C-60°C
Charging and discharging times	≥6000 cycles	≥6000 cycles
Packaging materials	Carton	Carton
Installation method	Standing	Standing
MPPT Solar Generator		
Output power	6000W	12000W
Output waveform	Sine wave	Sine wave
AC Output	220VAC 230VAC,50 / 60HZ 23.9A	220VAC 230VAC,50 / 60HZ 23.9A
PV Input current/Input power	27A/9000W	Using One MPPT: 27A/9KW Using Two MPPTS: 22.5A/Per MPPT, 15kW/Total
PV charge current	120A	160A
Solar input voltage	60-450VDC	60-450VDC
Temperature protection	-20°C-70°C	-20°C-70°C
Package size	180*590*400	250*700*450
Product Weight	25KG	35KG