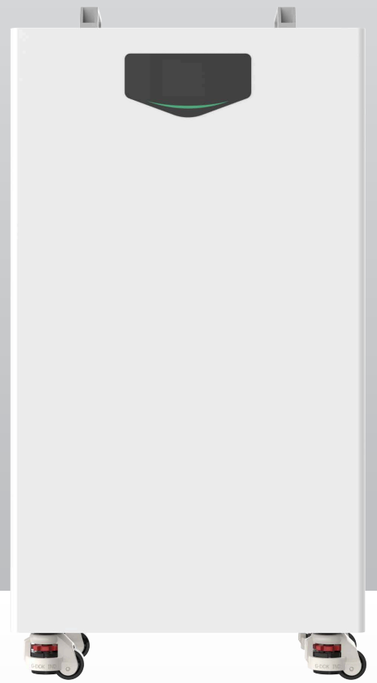
AHYR | Energy Storage Battery

Floor-Standing



Easy Mobility

Mobility with four rollers, easily move and flexibly respond to different power needs Provides global partners with power guarantee anytime and anywhere.

Smart Integration

An intelligent BMS, efficient, safe operation and integration with home solar storage systems for your devices, leading the new era of efficiency.

High-Capacity & Reliable System

Powered by 280Ah/314Ah safe LiFePO4 cells, it delivers robust performance with IP55-rated resistance, providing reliable electricity for battery systems.

Flexible Capacity Expansion Available

Connect up to 16 units in parallel to scale power on demand. This expandable system supplies ample energy to power entire villas, large homes and small commercial setups with ease.

Product Model	M16S314BL-F	Units
Product Description		
Cells In Series	16S	
Rated Energy	16.07	kWh
Rated Voltage	51.2	V
Charging Voltage	58.4	V
Discharge Cut-off Voltage	42	V
Standard Charge Current	62	A
Maximum Charging Current	200	A
Maximum Discharge Current	200	A
Features		
Cycle Life	≥ 6000 times @ 80% DOD, 25 ℃	
Methods Of Communication	RS232/RS485/CAN	
Charging Temperature	0~60℃	
Discharge Temperature	-20~65℃	
How It Is Displayed	LCD display	
IP Protection	IP21/IP65	
Conventional		
Product Dimensions (L×W×H)	805*475*240	mm
Net Weight	≈120	kg
Packing Dimensions (L×W×H)	960*525*420	mm
Gross Weight	≈150	kg
Optional	Bluetooth / WIFI / Circuit breaker	
Inverter		
Model	YR-6248SMH	
PV Mode		
Voltage Range	60~500V	
Optimal Voltage Range	360~430V	
Max. Input Power	1*8500W	
Max. Input Current	120A	
AC Mode		
Voltage Range	220/230/240VAC ±5%, 50/60Hz ±0.1%	
Max. Input Current	100A	
Rated Output Power	6200W	
Battery Mode		
Rated Voltage / Current	48VDC / 120A	
Input Voltage Range	40-60VDC	
Battery Type	Lithium Battery	
Rated Power	5760W	
AC Output	220/230/240VAC ±5%, 50/60Hz ±0.1%	
Operating Temperature	-10~50℃	
Protection Degree	IP21	
Communication	RS485/WIFI	