

Movable Residential ESS



Large Capacity



Built-in BMS Protection



Reliable Backup Power



High Quality 360° Wheels



Reliable Operation



Optimal Management

Model		AF16000W-LZ
Parameter		
Total Energy		16.07kWh
Usable Energy		15.27kWh
Voltage		44.8~57.6Vd.c.
Nominal Voltage		51.2Vd.c.
Rated Capacity		314Ah
Max.Charge Voltage		57.6Vd.c.
Nominal Discharging Current		150A(1P) /160A(2P~6P)
Nominal Charging Current		150A(1P) /160A(2P~6P)
Weight		120kg
Dimension(mm)(H*L*W)		800*680*230mm
Max.recommended DOD		95%
Operating Condition		Indoor or outdoor
Operating	Charging	0~55°C
Temperature	Discharging	-15~55°C
Standard Ambient Temperature Range		0~40°C
Storage Temperature Range		0°C to 40°C @60+25% Relative Humidity
Humidity		15% ~ 85%RH (No Condensation)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Installation		Floor-standing
IP Rating		IP 66
Heating unit(optional)		150W
Protective Class		I
Max. Connection Number		6P
Communication		CAN / RS485
WiFi		Yes
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over-temperature
Certificates		CE,UN38.3,MSDS

*Testing conditions based on temperature 25°C at the beginning of life. Total Energy/Usable Energy are measured with a standard test method: 0.2C Charge and Discharge. As per the characteristics of lithium batteries, such parameters as the charge/ discharge current and efficiency listed above are subject to change.