

| Wall-mounted Residential ESS



Large Capacity



Built-in BMS Protection



Reliable Backup Power



Reliable Operation



Optimal Management

■ Model AF10000W-LA0

Parameter	
Total Energy	10.49kWh
Usable Energy	9.97kWh
Voltage	44.8~57.6Vdc
Nominal Voltage	51.2Vd.c.
Rated Capacity	57.6Vd.c.
Max.Charge Voltage	205Ah
Nominal Discharging Current	100A(1P) /160A(2P~6P)
Nominal Charging Current	100A(1P) /160A(2P~6P)
Weight	87kg
Dimension(mm)(H*L*W)	670*430*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	>1 month 0~35°C / ≤1 month -20~45°C
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)	130W
Protective Class	I
Max. Connection Number	6P
Communication	CAN / RS485 / Wifi
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.