

Model	AF5000W-HM	AF10000W-HT	AF15000W-HT	AF20000W-HT	AF25000W-HT	AF30000W-HT	AF35000W-HT	AF40000W-HT	
<b>Parameter</b>									
Battery Type	LFP								
Number of Connection		2pcs	3pcs	4pcs	5pcs	6pcs	7pcs	8pcs	
Total Energy	5.22kWh	10.44kWh	15.66kWh	20.88kWh	26.11kWh	31.33kWh	36.55kWh	41.77kWh	
Usable Energy	5.22kWh	10.44kWh	15.66kWh	20.88kWh	26.11kWh	31.33kWh	36.55kWh	41.77kWh	
Max.Parallel Connections	8P								
Rated DC Power	2.56kW	5.12kW	7.68kW	10.24kW	12.8kW	15.36kW	17.92kW	20.48kW	
Nominal Charging Voltage	57.6 Vd.c.	115.2 Vd.c.	172.8 Vd.c.	230.4 Vd.c.	288 Vd.c.	345.6 Vd.c.	403.2 Vd.c.	460.8 Vd.c.	
Max DC Voltage	57.6V	115.2V	172.8V	230.4V	288V	345.6V	403.2V	460.8V	
Min DC Voltage	44.8V	89.6V	134.4V	179.2V	224V	268.8V	313.6V	358.4V	
Nominal DC Voltage	51.2V	102.4V	153.6V	204.8V	256V	307.2V	358.4V	409.6V	
Max. Charging Current	50A	50A							
Max. Discharging Current	50A	50A							
Discharge Cut-off Voltage	44.8Vd.c.	89.6 Vd.c.	134.4 Vd.c.	179.2 Vd.c.	224 Vd.c.	268.8 Vd.c.	313.6 Vd.c.	358.4 Vd.c.	
Battery Protection	Over-current/Over-voltage/Short-circuit/Under-voltage/Over temperature								
Maximum Recommended DOD	100%	100%							
Communication	CAN,RS485								
IP Rating	IP66								
Operating Temperature	-15~50 °C	-15~50 °C							
Altitude	≤5,000m								
Humidity	15%~85%RH (No condensation)	15%~85%RH (No condensation)							
Warranty Cycles	10 years/6,000 cycles (0.5C charging/discharging rate under room temperature of 25°C, EOL65%)								
Dimension	(720±2)* (420±2)* (174±3)mm	(720±2)* (420±2)* (616±3)mm	(720±2)* (420±2)* (766±5)mm	(720±2)* (420±2)* (916±7)mm	(720±2)* (420±2)* (1066±9)mm	(720±2)* (420±2)* (1216±11)mm	(720±2)* (420±2)* (1366±13)mm	(720±2)* (420±2)* (1566±13)mm	
Net Weight	(47±2)kg	(116±3)kg	(163±5)kg	(210±7)kg	(257±9)kg	(304±11)kg	(351±13)kg	(398±13)kg	
Heating Unit	51.2V/65W*4	51.2V/65W*4							
Certificates	CE-EMC,IEC62619,IEC62477,IEC62040,IEC62100,IEC60068-2-52,IEC60730,UN38.3,MSDS								
Installation	Stacked Installation								

Model	AF4600W-HU	AF9000W-HU	AF13000W-HU	AF18000W-HU	AF23000W-HU
<b>Parameter</b>					
Battery Type	LFP				
Number of Pack		2pcs	3pcs	4pcs	5pcs
Total Energy	4.60kWh	9.21kWh	13.82kWh	18.43kWh	23.04kWh
Usable Energy	4.60kWh	9.21kWh	13.82kWh	18.43kWh	23.04kWh
Rated DC Power	1.92kW	3.84kW	5.76kW	7.68kW	9.6kW
Voltage Range	56~72 Vd.c	112~144Vd.c.	168~216Vd.c.	224~288Vd.c.	280~360Vd.c.
Nominal Voltage	64Vd.c.	128Vd.c.	192Vd.c.	256Vd.c.	320Vd.c.
Charging Voltage Declared by Manufacturer	72Vd.c.	144Vd.c.	216Vd.c.	288Vd.c.	360Vd.c.
Max. Charging Current	30A	30A			
Max. Discharge Current	30A	30A			
DOD	100%	100%			
Communication	CAN/RS485				
Dimension (L*W*H)	(600±2)*(210±2)* (285±2)mm	(600±2)*(210±2)* (895±3)mm	(600±2)*(210±2)* (1180±5)mm	(600±2)*(210±2)* (1465±7)mm	(600±2)*(210±2)* (1750±9)mm
Net Weight	(41±2) kg	(100±2) kg	(141±4) kg	(182±6) kg	(223±6) kg
Operating Condition	Indoor or outdoor	Indoor or outdoor			
Storage Temperature Range	> 3month, 15°C to 30°C < 3month, 0°C to 45°C				
Operating Temperature	Charging 0~52 °C	0~52 °C			
Discharging	-15~52 °C	-15~52 °C			
Humidity	15% ~ 85%RH (No condensation)		15% ~ 85%RH (No condensation)		
Cooling Type	Natural				
IP Rating of Enclosure	IP66				
Installation Method	Stacked installation				
Warranty cycles	10 years/6,000 cycles (0.5C charging/discharging rate under room temperature of 25°C, EOL65%)				