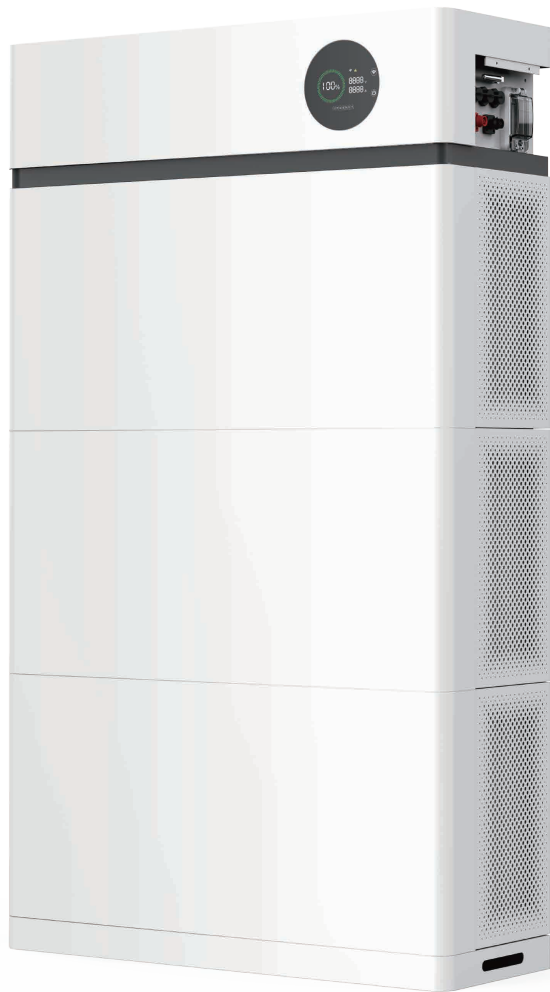


| Stack-mounted Residential ESS



Support mixing of old and new batteries



Superior Voltage Stability & Regulation



High Efficiency and Extended Runtime



Optimal Battery Performance and Health



Design Flexibility and Compatibility



Enhanced Safety and Protection

Model	AF8000W-HA4	AF16000W-HA4	AF24000W-HA4	AF32000W-HA4
Parameter				
Number of Packs	1pcs	2pcs	3pcs	4pcs
Total Energy	8.03kWh	16.07kWh	24.11kWh	32.15kWh
Usable Energy*	7.63kWh	15.27kWh	22.91kWh	30.55kWh
Charging Voltage Range on HV Side	504~657 Vd.c			
Discharging Voltage Range on HV Side	481.6~657 Vd.c			
Nominal Voltage on HV Side	576			
Nominal Current on HV Side	7A	14A	21A	28A
Voltage Range on LV Side	22.4~29.2Vd.c.			
Nominal Voltage on LV Side	25.6Vd.c.			
Nominal Current on LV Side	156A			
Recommended DOD	95%			
Max.Number of Parallel Connections	4			
Communication	CAN/RS485/WIFI			
Dimension (L*W*H)	(800±2)* (270±2)* (610±3) mm	(800±2)* (270±2)* (950±3) mm	(800±2)* (270±2)* (1290±3) mm	(800±2)* (270±2)* (1630±3) mm
Net Weight	(116±3)kg	(186±5)kg	(256±7)kg	(326±7)kg
Running Environment	Indoor or Outdoor			
Operating Temperature	-15~52℃			
Humidity	15% ~ 85%RH (No condensation)			
Cooling Type	Natural cooling			
WiFi Frequency Range	2412MHz~2472MHz			
Max. WiFi Transmission Power	20dBm			
IP Rating	IP66			
Installation	Stack-mounted			
Power Source	Station-powered			
Heating Unit	18V/10A*2			
Warranty	10 years (5 free warranty + 5 paid warranty)			

*Testing conditions based on temperature 25℃ 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.