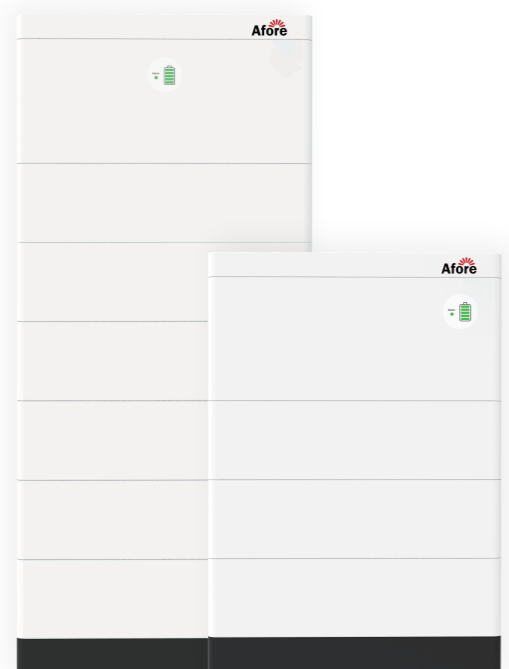



High Voltage Stackable Energy Storage Battery


3-10 Modules Stackable

153.6V-512V High Voltage







High capacity




Scalable Design




Efficient Performance




Safe and Reliable




Real-time Monitoring



High Voltage



Intelligent BMS



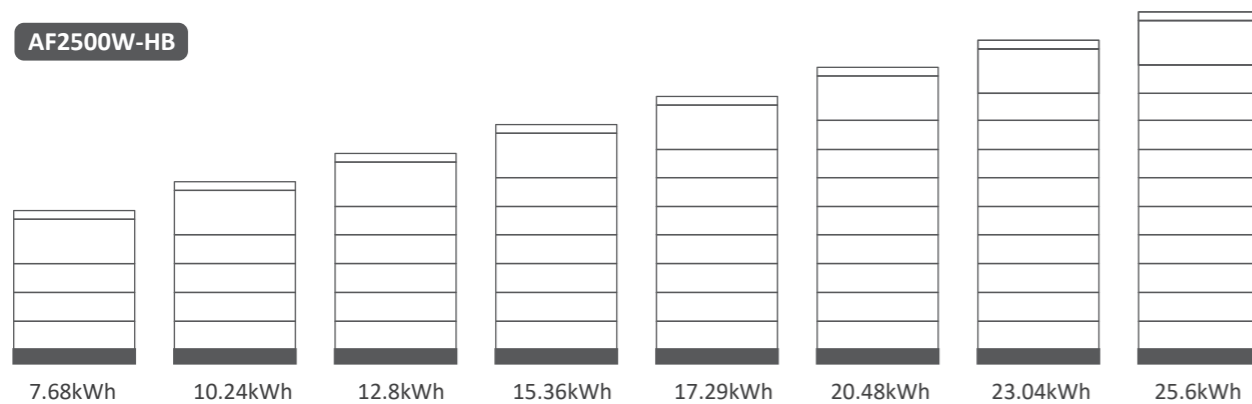
Seamless Integration

Power up your energy storage game with compact size, lightweight design, and effortless installation of standardized modules, leveraging the advantages of high voltage. Effortlessly customize battery combinations to meet your energy storage needs.

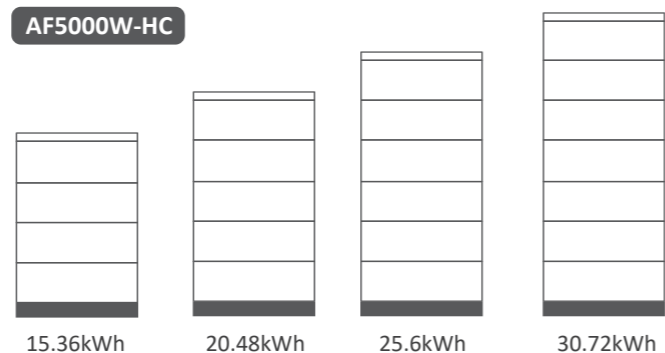
Thermal Aerosol Fire Suppression Device

The energy storage system is equipped with a breakthrough aerosol fire suppression device, boasting ultra-high efficiency and reliability. Its compact size, rapid response, and eco-friendly features make it ideal for enclosed spaces like battery compartments. Invest in our ESS today for top-of-the-line fire protection technology to ensure the safety of personnel and property.

AF2500W-HB



AF5000W-HC



- Higher Conversion Efficiency
- Increased Independence from the Grid
- Better Suitable for Peaking Applications
- Greater Flexibility
- Lower Cost, Larger System
- Faster Charging and Discharging
- Energy Savings

| Model | AF2500W-HB | AF5000W-HC |
|---|-------------------------------------|-----------------|
| Parameter | | |
| Nominal Voltage(Vdc) | 51.2 | 51.2 |
| Nominal Capacity(Wh) | 2560 | 5120 |
| Working Voltage Range(Vdc) | 129.6-516.6 | 129.6-350.4 |
| Charge Voltage(Vdc) | 56.16 | 56.16 |
| Nominal Charge/Discharge Current(A) | 25 | 50 |
| Max.Charge/Discharge Current(A) | 50 | 100 |
| Peak Current(A) | 100@3sec | 200@3sec |
| Series Connection | 3-10 pcs | 3-6 pcs |
| Cycle Life | 6000 @ 80% DOD, 25°C / 0.5C | |
| Structure | | |
| Power Module Dimensions(mm)/Weight(kg) | 600*210*250 /14 | 610*225*250 /15 |
| Battery Module Dimensions(mm)/Weight(kg) | 600*210*160 /27 | 610*225*250 /52 |
| Lampstand Module Dimensions(mm)/Weight(kg) | 600*210*90 /5 | 610*225*90 /5.5 |
| Top Cap Module Dimensions(mm)/Weight(kg) | 600*210*50 /2.5 | 610*225*50 /3 |
| IP Rating | IP65 | |
| Installation | Stacked | |
| Working Environment | | |
| Charge Working Temperature(°C) | 0-55 | |
| Discharge Working Temperature(°C) | -20~60 | |
| Altitude(M) | <2500 | |
| Humidity(RH) | 5-95% (w/o condensing) | |
| Communication | | |
| Communication Port | RS485, CAN | |
| Display | SOC status indicator, LED indicator | |
| Certification | | |
| CB, IEC62619, CE-EMC, CE-GPDS, UKCA, UL1973, UL9540A, EN62040, IEC62040; UN38.3, MSDS | | |

