

AF2600H series

The 2600H series high voltage lithium batteries have a home appliance like appearance and are aesthetically pleasing. Adopting a modular battery design (flexible combination of 3-7 modules), it can achieve 10.6-26.6kWh battery capacity expansion, and the intelligent stacked design is conserved for operation, maintenance, and installation using lithium iron photosensitive battery cells, it is safe and more reliable. The battery cells can charge and discharge up to 80% EOL. Within the range of 2.5-3.65V/25+2C. The charging and discharging capacity of 0.7C/1C is high, and their performance is excellent, providing strong power for household power supply.



Stacked design for easy installation



Flexible combination of capacity and scalability



Module automatic recognition



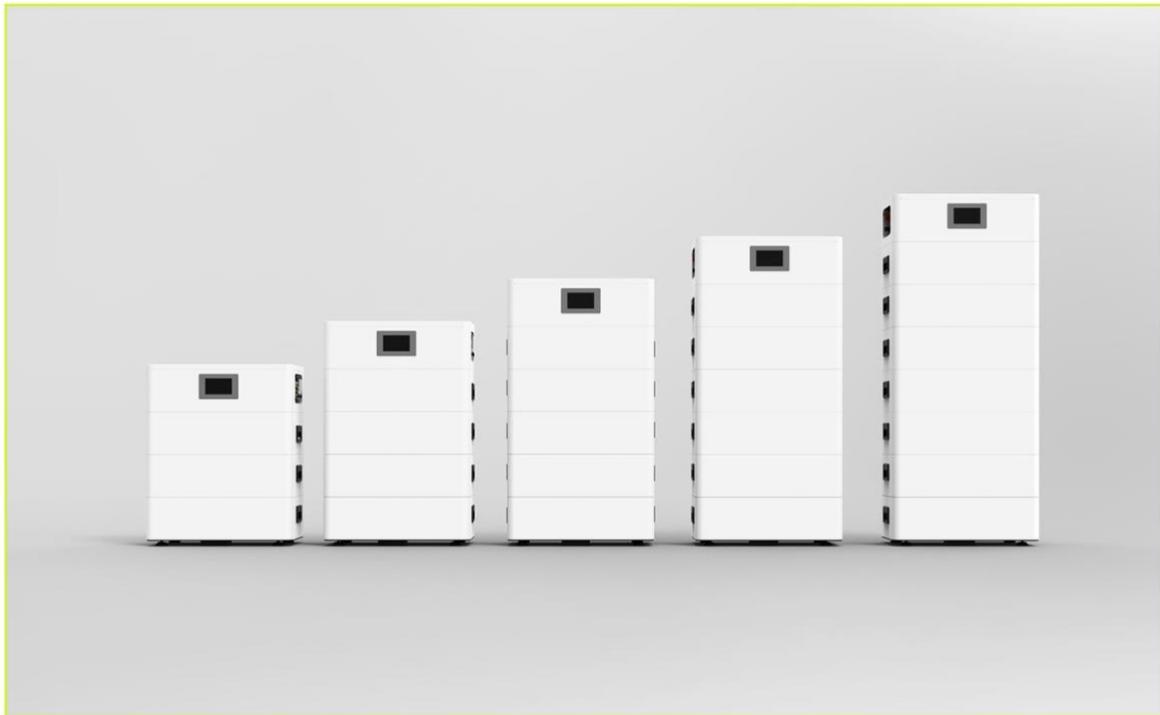
remote diagnosis



Under voltage automatic restart



Real time data monitoring



| Battery Moduie | | AF2600H | | | | |
|-----------------------------------|---|----------------|--------------|--------------|--------------|--|
| Number of Modules | 3 | 4 | 5 | 6 | 7 | |
| Energy Capacity | 7.987KWh | 10.649KWh | 13.312KWh | 15.974KWh | 18.636KWh | |
| Max Output Current | 50 A | 50 A | 50 A | 50 A | 50 A | |
| Nominal Voltage | 153.6V | 204.8V | 256 V | 307.2 V | 358.4V | |
| Operating Voltage | 120~172 V | 160-234 V | 200~292 V | 240~350 V | 280~409 V | |
| Dimensions (H/W/D) | 740*600*300 | 900*600*300 | 1060*600*300 | 1220*600*300 | 1380*600*300 | |
| Weight(KG) | 121kg | 152 kg | 184 kg | 215 kg | 247 kg | |
| Battery Cell Technology | Lithium Iron Phosphate (cobalt-free) | | | | | |
| Standard Charge/Discharge Current | 25A/0.5C | | | | | |
| Enclosure Protection Rating | IP54 | | | | | |
| Round-trip Efficiency | ≥96% | | | | | |
| Operation Temperature | -10 °C to +50°C | | | | | |
| Applications | ON Grid / ON Grid + Backup / OFF Grid | | | | | |
| BMS Controller | | | | | | |
| Communication Port | CAN/RS485 | | | | | |
| Dimension(W/D/H) | 600/300/190mm | | | | | |
| BMS Monitoring Parameters | SOC, System voltage, current, cell voltage, cell temperature, | | | | | |
| Certification & Licensing | CE/UN38.3/MSDS | | | | | |

[1] Nutzbare DC Kapazität, Testbedingungen: 100% DOD, 0,2C Ladung und Entladung bei +25°C ; nutzbare Kapazität ggf. abhängig vom Wechselrichter

[2] Von -10 °C bis 5 °C wird die Leistung gedrosselt