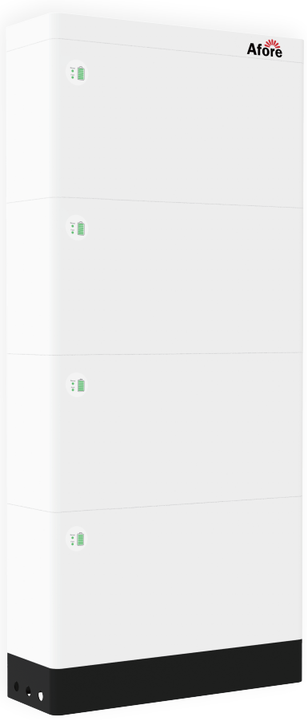
Low Voltage Stackable Energy Storage Battery



With its modular design, the Multi-functional Energy Storage System offers endless possibilities. Customize the system to meet your specific needs by easily adding or removing energy storage units. Experience the freedom and control of managing your energy consumption with this state-of-the-art system.

- High Capacity
- Scalable Design
- Efficient Performance
- Safe and Reliable
- Real-time Monitoring
- Durability
- Intelligent BMS
- Seamless Integration

Model	AF5000W-LE
Parameter	
Nominal Voltage(Vdc)	51.2
Nominal Capacity(Wh)	5120
Working Voltage Range(Vdc)	44.8-56.16
Charge Voltage(Vdc)	58.4
Nominal Charge/Discharge Current(A)	50
Max.Charge/Discharge Current(A)	100
Peak Current(A)	200@3sec
Parallel Connection	≤ 6 pcs
Cycle Life	6000 @ 80% DOD, 25°C / 0.5C
Structure	
Dimension(mm)	600*210*300
Weight(kg)	50.5
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-GPSD, UKCA; UN38.3, MSDS	

UL 1973 UL 9540A UN38.3