AOBOET

Our Environment, Our Energy, Our Future

Introducing

Uhome-LFP 5.8kWh/LV

Energy Storage Battery

KEY FEATURES

- Digital Monitoring System APP
- High Inverter Compatibility
- Reliable LFP Cells
- CANbus Standard Connection
- Natural Cooling System
- Scalable up to 23.2kWh (4 Parallel)
- 10 Years Limited Warranty
- IP65

About AOBOET

Aoboet is a provider of energy efficient environmental solutions. Specifically, Aoboet provides air treatment solutions (ATS) for industrial applications, and energy efficiency solutions to households and small commercial businesses for use of solar. With respect to its air treatment solutions, Aoboet principally focuses on dehumidification and NMP recovert in key end markets such as food processing and production, pharmaceuticals and lithium battery manufacturing. In early 2018, Aoboet has launched a new business division manufacturing and distributing lithium battery energy storage systems for residential and small commercial applications. Aoboet offers households and small commercial businesses its own-branded lithium battery energy storage system which integrates with solar to store excess power generated for later use.

Technical Properties

Model	Uhome-LFP 5.8kWh/LV
Total Energy*	5.8kWh
Usable Energy(DC)*	5.3kWh
Nominal Charge/Discharge power	2.75kW
Efficiency	>97%
Peak Power (Only discharging)	7kW for 3 seconds
Peak Current (Only discharging)	146A for 3 seconds
Voltage	42-54V DC
Nominal Voltage	48V DC
Nominal Current	57A
Max. Charging voltage	54.0V
Operating Condition	Indoor or outdoor
Operating Temperature	From -10°C to 45°C
Dimension (W*H*D) mm	525*635*238 mm
Weight	66kg
Cooling Type	Natural cooling
Case Material	Metal + Plastic
Color	Black + Silver grey or white
Installation	Free standing/Wall Mounting
IP rating	IP 65
Max. numbers of parallel connection	4
Warranty	5+5Years
Life Span	>15 years
Communication	CAN/ RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/ Over temperature
Certification	
Safety	Cell UL 1973 Battery Pack TUV (IEC 62619) (IEC 62040)
Hazardous material classification	Class 9
Transportation	UN 38.3 (UNDOT)

Testing conditions based on temperature 25°C, at the beginning of life.
※ Total Energy measured under specific conditions from AOBOET 0.2C CC-CV