



Our Environment, Our Energy, Our Future

Introducing

Uhome-NCA 6.8kWh/LV

Energy Storage Battery

KEY FEATURES

- ▶ Digital Monitoring System APP
- ▶ High Inverter Compatibility
- ▶ Reliable NCA Cells
- ▶ CANbus Standard Connection
- ▶ Natural Cooling System
- ▶ Scalable up to 27.2kWh (4 Parallel)
- ▶ 10 Years Limited Warranty
- ▶ IP65



About AOBOET

Aobo is a provider of energy efficient environmental solutions. Specifically, Aobo 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, Aobo principally focuses on dehumidification and NMP recover in key end markets such as food processing and production, pharmaceuticals and lithium battery manufacturing. In early 2018, Aobo has launched a new business division manufacturing and distributing lithium battery energy storage systems for residential and small commercial applications. Aobo 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-NCA 6.8kWh/LV
Total Energy*	6.8 kWh
Usable Energy (DC)*	6.0 kWh
Nominal Charge/Discharge Power	3KW
Efficiency	>97%
Peak Power (only discharging)	7kW for 3 sec.
Peak Current (only discharging)	135A for 3 sec.
Voltage	43-57.5DC
Nominal Voltage	50.4VDC
Nominal Current	60A
Max. charging voltage	58.8V
Recommended peukert setting (off-grid)	1.05
Max recommended DOD (off-grid)	90%
Operating Condition	Indoor or outdoor
Operating Temperature	From -10°C to 45°C
Dimension (L*W*H)	525*675*238 mm
Weight	62kg
Cooling Type	Natural cooling
Case Material	Metal + Plastic
Color	Black + Silver gray or white
Installation	Free standing/Wall Mounting
IP Rating	IP65
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	Battery Pack TUV (IEC 62619, IEC 62040)
Hazardous Materials Classification	Class 9
Transportation	UN38.3 (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