



AU5500 (UP3686) Lithium Battery

HOUSEHOLD ENERGY BATTERY

It carries the load

With 1.5C technology, the Greenrich battery ensures more power when you need it.

5000W

Power



1.5C

Discharging Rate



10

YEARS*
WARRANTY

*6000 Cycles



elleyhill Power

AU5500 (UP3686) LITHIUM BATTERY

Household Energy Battery

Capacity



3.68kWh

Discharging Rate



1.5C

Power



5000W

FUNCTIONS:

- High efficiency lithium-iron phosphate battery (LiFePO₄)
- Maximum discharge rate of 2C (<144A, Consistent <116A)
- Advanced BMS for Improved performance & protection
- Modular for an extended battery bank (<16 Batteries)
- Compatible with a wide range of inverters

ELECTRIC PARAMETER

Charge mode	CC/CV/CP
Charging current	36A (0.5C @25°C)
Charging cut-off Voltage	57.6V
Discharge mode	CC/CP
Discharging cut-off voltage	44.8V
Discharge current - Depends on the customer	-20°C-10°C: ≤72A 10°C~35°C: ≤144A 35°C-45°C: ≤72A 45°C-55°C: ≤36A

BASIC PARAMETER

Rated Voltage	51.2V
Nominal capacity	72Ah 3.686kWh

SIZE

Dimensions	222.6 x 438 x 500 mm
Weight	about 42kg

ENVIRONMENT

Working Temperature Storage	Charge: 0-+50°C Discharge: -20-+55°C
Environment Temperature Storage	-20-+45°C (three months) -20-+ 25°C (one year)
humidity	Non-condensing
Shipment status	Voltage: 52V-52.96V soc: 30%-40%

COMPATABILITY

Deye, SUNSYNK, Growatt, LUX Power, Goodwe, Voltronic, KODAK, Axpert, Victron etc.

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