



AU7500 (UP5000) Lithium Battery

HOUSEHOLD ENERGY BATTERY

It carries the load

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

7500W

Power



1.5C

Discharging Rate



10

YEARS*
WARRANTY

*6000 Cycles



AU7500 (UP5000) LITHIUM BATTERY

Household Energy Battery

Capacity



4.95kWh

Discharging Rate



1.5C

Power



7500W

BMS FUNCTIONS:

- Overvoltage & Undervoltage protection
- Short-circuit protection
- Low & High temperature charge protection
- Low & High temperature discharge protection
- Charge & Discharge over-current protection
- Dormancy function
- RS485 & Rs232 communication
- CAN communication

ELECTRIC PARAMETER

Charge mode	CC/CV/CP
Max. Charge Current ¹⁾	80A
Charging cut-off voltage	57.4V
Discharge mode	CC/CP
Discharging cut-off voltage	44.8V
Max. Discharge Current ²⁾	150A
Peak Discharge Current ³⁾	350A (100ms)

BASIC PARAMETER

Rated Voltage	51.2V
Nominal capacity	96.6Ah 4.95kWh

SIZE

Dimensions	222.6 x 442 x 512mm
Weight	about 50.88kg

ENVIRONMENT

Humidity Operating	5% to 95% Relative Humidity (Non-condensing)
Working	Charge: 0-+50°C/Discharge: -20-+55°C
Storage Temperature	-20-+45°C (three months) / -20-+25°C (one year)
Shipment status	Voltage: 52V-54V SOC: 60%-80%

WARRANTY

10 years warranty, > 6000 cycles life

All information contained in this document is subject to change without notice.

1) For better battery life cycles, we suggest that you charge @ 43A(0.5C @25°C) | 2) For better battery life cycles, we suggest that you discharge @ 43A(0.5C @25°C) | 3) Peak Current excludes repeated short duration (less than 100ms) of current pattern.