



# 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



**elleyhill Power**

## 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 <sup>1)</sup>	80A
Charging cut-off voltage	57.4V
Discharge mode	CC/CP
Discharging cut-off voltage	44.8V
Max. Discharge Current <sup>2)</sup>	150A
Peak Discharge Current <sup>3)</sup>	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 Cone 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.

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