



U-P5000 Lithium Battery

HOUSEHOLD ENERGY BATTERY

It carries the load

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

1.5C

Discharging Rate



10

YEARS*
WARRANTY

*6000 Cycles



elleyhill Power

U-P5000 LITHIUM BATTERY

Household Energy Battery

Capacity



4.95kWh

Discharging Rate



7500W

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

