

GREENRICH

UP8000
Lithium Battery

RESIDENTIAL & COMMERCIAL BATTERY STORAGE

It carries the load

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

8000W

Power



1.5C

Cell Discharging Rate



10

**YEARS
WARRANTY**

6000 Cycles



UP8000 LITHIUM BATTERY

Residential & Commercial Battery Storage

Power



8000W

Cell Discharging Rate



1.5C

Capacity



8.007kWh

Wi-Fi



Smart BMS

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, CAN & RS232 communication
- Wi-Fi BMS- AI function

ELECTRIC PARAMETER

Charging modes	CC/CV/CP
Max. Charge Current ¹⁾	100A
Charging cut-off voltage	57.4V
Discharging modes	CC/CP
Discharging cut-off voltage	44.8V
Max. Discharge Current ²⁾	160A
Peak Discharge Current ³⁾	350A(100ms)

BASIC PARAMETER

Rated Voltage	51.2V
Nominal capacity	156.4Ah 8.007kWh

SIZE

Dimensions	438*536*220.6mm
Weight	about 68kg

ENVIRONMENT

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

COMPATABILITY

Greenrich, Solis, Deye, Sunsynk, Growatt, Lux Power, Goodwe, East, SMA, Sinexcel, Victron, Voltron, Chisage, Must, SofarSolar, Solarfam, Solax, Megarevo, VoltronicPower, SRNE, Pylon Tech, SAJ, Kehua, Sermatec, etc.

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 @ 75A(0.5C @25°C)

2) For better battery life cycles, we suggest that you discharge @ 75A(0.5C @25°C)

3) Peak Current excludes repeated short duration (less than 100ms) of current pattern.