



AW7500 (WM5000) Lithium Battery

WALL MOUNTING SYSTEM

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



AW7500 (WM5000) LITHIUM BATTERY

Household Storage Battery

Capacity



4.95kW

Discharging Rate



1.5C

Power



7500W

BMS FUNCTIONS:

- Undervoltage & Short-circuit protection
- Low & High temperature charge protection
- Low & High temperature discharge protection
- Charge & Discharge over-current protection
- Dormancy function
- RS485, CAN, & RS232 communication

ELECTRIC PARAMETER

Charge mode	CC/CV/CP
Max. Charge Current ¹⁾	80A
Charging cut-off voltage Discharge mode	57.4V CC/CP
Discharging cut-off voltage	44.8V
Max. Discharge Current Peak ²⁾	150A (1.5C continuous)
Discharge Current ³⁾	350A (100ms)

BASIC PARAMETER

Rated Voltage	51.2V
Nominal capacity	96.6Ah 4.95kWh

SIZE

Dimensions	175.4 x 366 x 586mm
Weight	about 48 kg

ENVIRONMENT

Humidity Operating Temperature	5% to 95% Relative Humidity (Non-condensing) Charge:
Storage Temperature	0~+50°C/Discharge: -20~+ 60°C
Shipment status	-20~+45°C (three months) / -20~+25°C (one year)
	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.

COMPATABILITY

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

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 1 00ms) of current pattern.

Johannesburg Head Office:

Unit 4, K77, Morkels Close, Capital Hill, Halfway House, Midrand, Gauteng, 1685
T: 011 701 5200 | E: info@elleyhill.co.za

Cape Town Branch:

Unit B12, Prime Business Park, Morke Road, Diep River, Cape Town
T: 021 753 0004 | E: sales3@elleyhill.co.za



elleyhill Power

www.elleyhillpower.co.za