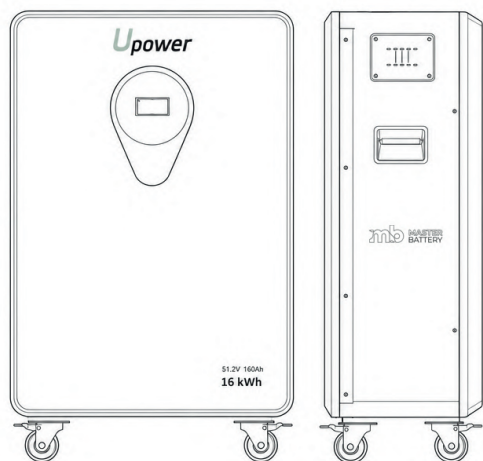


UE-51.2Li314WM



Product overview

A LiFePO₄ battery offering safe, efficient and long-lasting energy storage. It features intelligent protection and real-time monitoring via Wi-Fi and Bluetooth. Its expandable capacity and compatibility with leading inverter brands make it a flexible and reliable solution for a wide range of installations.



Features

-  Scalable expansion up to 15 pes in parallel
-  Built-in WiFi / Bluetooth for real-time monitoring
-  LiFePO₄: Higher safe performance and longer cycle life.
-  Multiple Protection with built-in smart BMS, breaker and fuse.
-  Enhanced safety with aerosol fire extinguishing system.
-  Compatible with leading inverter brands.
-  External battery fuse deisgn for easy replacement.

Upower**UE-51.2Li314WM**

PRODUCT NAME
UE-51.2Li314WM
PARAMETRES

Battery Type	LiFePO4
Nominal Energy	16kWh
Nominal Voltage	51.2 V
Operating Voltage	44.8 – 57.6 V
Max. Continuous Charge/Discharge Current [1]	160 A
Peak Charge/Discharge Current (15s)	300 A
Max. Charge/Discharge Power (15s)	8,000 W
Depth of Discharge (DOD)	≥ 95%
Scalability	Max.15 pes in Parallel (240 kWh)
Communication	RS485/CAN
Protection Degree	IP21
Cycle Life	≥ 8000 Cycles (25°C±2°C,0.5C/0.5C,90%DOD,70%EOL)
ChargingTemperature Range	0°C ~ +55°C
DischargingTemperature Range	-20°C ~ +55°C
Display type	LCD + LED
Installation	Floor-Mounted
Protection	Built-in Smart BMS, Breaker, Fuse
Warranty Period	10 Years
Certification	UN 38.3
Product Weight	121.5 Kg
Package Weight	143.5 Kg
Product Dimension	435 X 880 X 247 mm
Package Dimension	960 X 555 X 450 mm

[1] Max. Continuous Charge/Discharge Current is Affected byTemperature and SOC.

- * Product specifications may vary during continuous improvements. Please contact us for latest details.
- * Refer to Master Battery Warranty Policy far applicable conditions.

Product Display


Built-in WiFi / Bluetooth for
Remote Monitoring



≥ 8000 High Cycle Life



Wide Inverter Compatibility



External Battery Fuse Design



Aerosol Fire Extinguishing System



Support 15 Pcs in Parallel