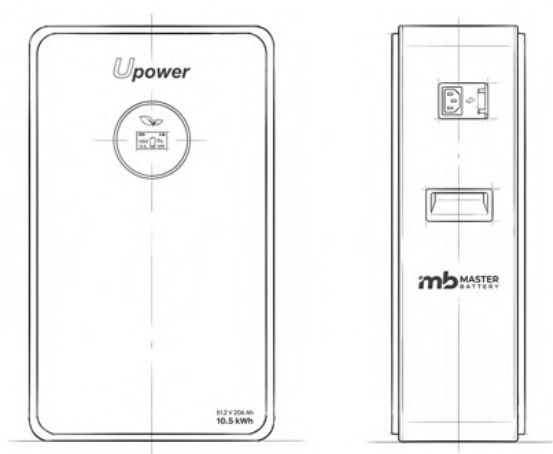


UE-51.2LI206WM



Product overview

A low-voltage, high-performance LiFePO₄ battery with a capacity of 10.5 kWh and a nominal voltage of 51.2 V. Designed for energy storage in residential and commercial settings, with capacity expandable to a maximum of 15 units in parallel. It features an integrated battery management system (BMS), Wi-Fi/Bluetooth monitoring and an aerosol fire suppression system for enhanced safety.

**U**power**UE-51.2LI206WM**

Features



Remote monitoring via the FSolar app



Peace of mind thanks to the fire protection module



Max. 15 units in parallel



Design that makes it easy to replace the fuse



10-year guarantee



Service life $\geq 6,000$ cycles

PRODUCT NAME**UE-51.2Li206WM****PARAMETERS**

Battery type	LiFePO4
Nominal Energy	10.5 kWh
Nominal Voltage	51.2 V
Operating Voltage	44.8 – 57.6 V
Max. Continuous Charge/Discharge Current [1]	Charge 160A Discharge 160A
Peak Charge/Discharge Current (15s)	300A@15s
Max. Charge/Discharge Power (15s)	Charge 8200W Discharge 8200 W
Scalability	Max. 15 pes in Parallel (157.5kWh)
Depth of Discharge (DOD)	≥ 95%
Communication	CAN2.0/RS485/WI FI/Bluetooth
Protection Degree	IP21
Cycle Life	6,000@25° C
Charging Temperature Range	0°C ~ +55°C
Discharging Temperature Range	-20 ~ 55°C
Display Type	LCD+LED
Installation	Wall-Mounted / Floor-Mounted
Warranty Period	10 Years
Protection	BMS, Fuse, Breaker, MX+OF
Product Weight	87KG
Package Weight	98KG
Product Dimension	787 X 450 X 249 mm
Package Dimension	900 X 568 X 344 mm

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

* Product specifications may vary during continuous improvements. Please contact us for latest details.

* Refer to Felicitysolar's Warranty Policy for applicable conditions.

Product Display

Built-in WiFi/Bluetooth for Remote Monitoring



Aerosol Fire Extinguishing System



Support Wall Mounted Installation



Wide Inverter Compatibility