

# Residential Battery

LV 5.12 kWh | Low Voltage



## Datasheet

CE UN38.3 UK CA IEC RoHS

Model	LV 5.12 kWh
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### Performance

Cell technology	LFP (LiFePO <sub>4</sub> )
Battery usable energy [1]	5.12 kWh
Nominal voltage	51.2 V
Operating voltage	44.8 - 60 V
Max.charge and discharge current [2]	50 A / 100 A

### Communication

Display	SOC status indicator, LED indicator
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### General Specification

Dimension (WxDxH)	465*610*195 mm
Weight	49 kg
Installation	Wall mounted
Operating temperature [3]	Recommended 10°C~35°C
Environmental humidity	≤ 85%RH (No condensation)
Ingress protection rating	IP 20
Cycle life [4]	5000 Cycles or ten (10) years
Scalability	Max 15 batteries in parallel
Application	ON Grid / ON Grid + Backup / OFF grid
Compatible inverters	Refer to compatible inverter list

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] There is 0.5C or 1C configurations optional in factory default.

[3] Charge/discharge derating occurs when the temperature is below 0°C or above 45°C.

[4] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.



#### Safe and Reliable

Meet diverse home energy needs with LFP batteries that last up to 5,000 cycles, ensuring safety and reliability.



#### Hassle-Free Setup

Easily choose between floor or wall installation, and effortless maintenance.



#### Flexible and Expandable

Easily connect up to 15 units in parallel, don't worry about future power increases in your home.



#### Miellec | Care

Enjoy effortless post-purchase support — register warranties, request services, and access repair resources all in one place.

