



Battery automatically assigns addresses. No dip switch programing required.



Each battery can be monitored with the app or optional software.

## **Product Advantages**

## Longer Life and Safer

- · R E P T A + grade lithium iron phosphate
- · Battery management system with multi-level protection

## Flexible and Expandable

· Up to 16 units in parallel, the system's energy capacity is up to 229kWh

## **Higher Energy Density**

• The battery takes up less space and has an energy density of up to 166Wh per kilogram

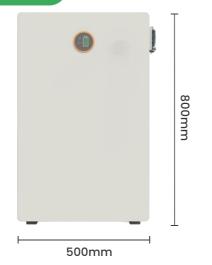
## Easy to Install and Use

 Applications Residential, Commercial, Industrial, Off-grid, grid tie and self-consumption.
Compatible with all 48V inverters that support LFP

## Compliance

· UN38.3, MSDS, CE-ROHS, IEC-61000

# Dimensions





227mm

Product Name	W16-lite
Electrical Characteristics	
Nominal Voltage	51.2V
Nominal Capacity	280Ah
Energy	14,336Wh
Battery Chemistry	Lithium Iron Phosphate (LFP)
Cycle Life	6,000 cycles @ 77°F (25°C), 0.5C/0.5C
Operating Voltage	46.4~57.6V
Communication Interfaces	CAN/RS485/RS232
Scalable	Up to 16 units
Expansion function	Aerosol heating (optional)/heating function (optional)/active equalization (optional)
Charge & Discharge	
Nominal Charge and Discharge	e 140A
Maximum Charge and Dischar	ge 200A
Peak Discharge	250A/10min
Environmental	
Environment	Indoor/outdoor
Charging Temperature	0°C to 55°C
Discharging Temperature	0°C to 60°C
Storage Temperature	-10°C to 45°C
Altitude	≤3,000 m (9,843 ft)
Cooling Method	Natural Convection
IP Rating	IP65
Mechanical	
Dimension(L*W*D)	800*500*227mm
Weight	128.9kg
Installation	Wall mount or floor



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