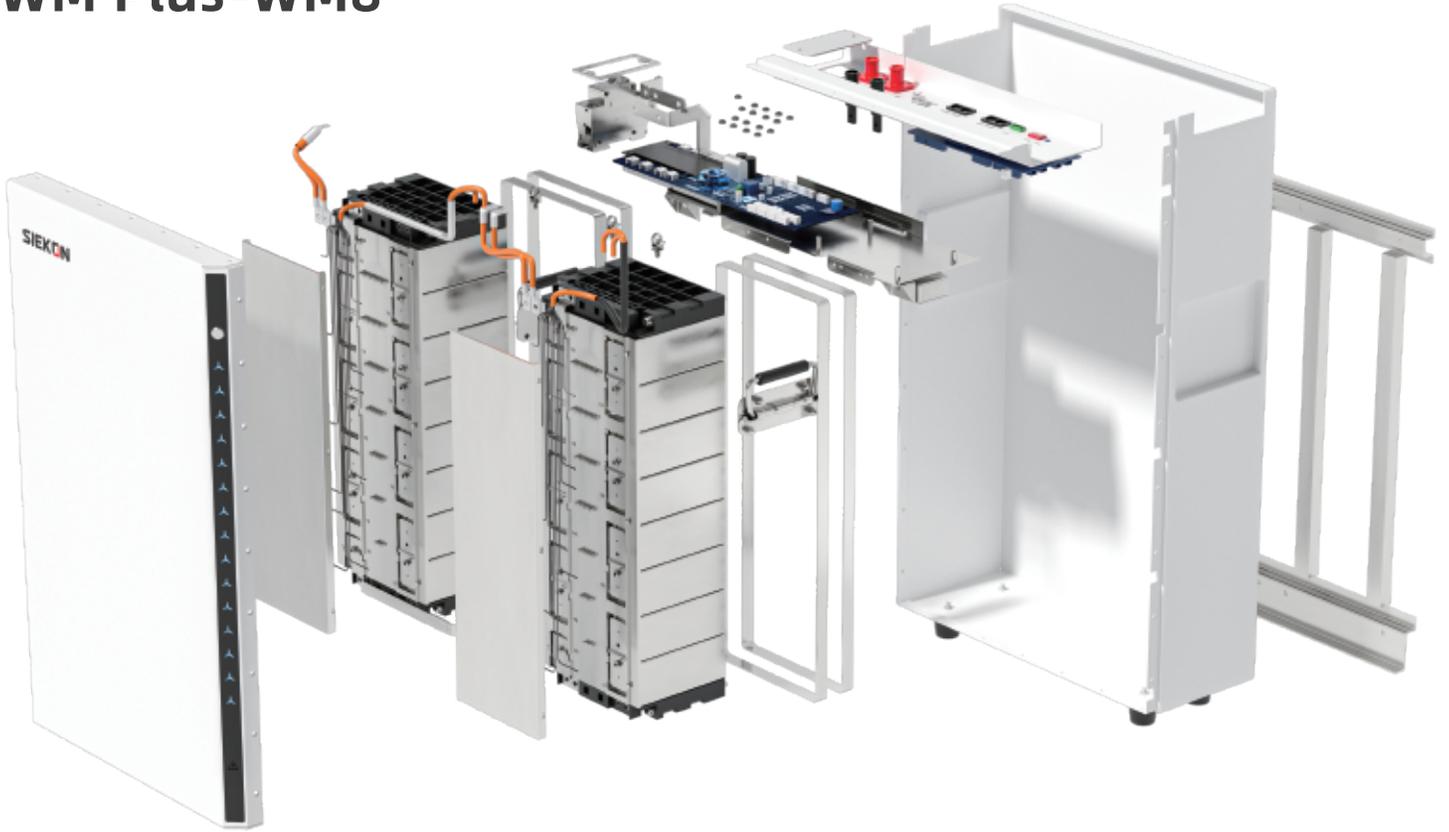


Energy Storage Lithium Battery WM Plus-WM8



Dual-zone Battery Structure

Adopts grade A cells and a dual-zone structure, having better heat dissipation and longer lifespan compared to individual zone



Leading Built-in BMS

Embedded smart balancing and monitoring modules, resulting in a longer battery lifespan and faster emergency response capability



LED Strip Design

Sleek appearance, clear indication of remaining power



Mainstream Inverters Support

Compatible with almost all mainstream inverters available in the market



Versatile Applications

Can be integrated into different solutions, including off-grid, on-grid and hybrid-grid solar systems



Flexible Modular Installation

Easy to install and supports parallel connection of up to 16 battery packs, meeting various capacity needs

Specification

Model	RL-WM8-51.2V100
Basic Parameters	
Rated Energy	5.12kWh
Nominal Voltage	51.2V
Rated Capacity	100Ah
Operating Parameters	
End-of-charge Voltage	56.5V
End-of-discharge voltage	44.8V
Standard charge Current	30A
Max Charge Current	100A
Standard Discharge Current	50A
Max Discharge Current	100A
Physical	
Shell Material/ Color	Metal/White
Size/mm	640*390*194
Weight/kg	50
Service Life	
Cycle Life	>6000 times (0.2C, @25°C) 70%EOL
Design Life	>10 years
Others	
Number of temp sensor	4
Charge Temperature Range	0°C-55°C
Discharge Temperature Range	-10°C-60°C
Communication	RS485/CAN
Chemical System	LiFePO ₄ (LFP)

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