



Residential High-Voltage Stackable BESS

Flexible combination of 10-25kWh



Advanced Fire Protection

Pack-level aerosol suppression triggers instantly on thermal runaway, quenching fires via chemical inhibition, cooling & oxygen isolation against re-ignition.



Wide Compatibility

Compatible with mainstream PV inverters and power grid systems, offering broader application scenarios.



Smart & Efficient

Supports remote monitoring and automatic fault early warning, enabling efficient and hassle-free operation and maintenance.

System Parameters

Intelligent Power System Integration Manufacturer.

Model	Marc-10	Marc-15	Marc-20	Marc-25
Battery Module	Battery*2	Battery*3	Battery*4	Battery*5
Module Configuration	1P32S	1P48S	1P64S	1P80S
Cell Capacity	100Ah			
Battery Pack Voltage Range	83.2-116.8 Vdc	124.8-175.2 Vdc	166.4-233.6 Vdc	208-292 Vdc
Standard Discharge Current	50A			
System Energy Capacity	10.24kWh	15.36kWh	20.48kWh	25.60kWh
Communication Protocol	RS485/CAN			
Battery Pack Weight	≈100kg	≈150kg	≈200kg	≈250kg
Battery Pack Dimensions	650×420×324	650×420×486	650×420×648	650×420×810
Ingress Protection	IP65			
Storage Temperature	-30~60°C			
Charging Temperature	0~55°C			
Discharging Temperature	-20~55°C			
Operating Humidity	15% ~ 95% (non-condensing)			

High-Voltage Box

Rated Voltage	DC500V
Peak Current	118A
Rated Current	100A
Operating Temperature	-20~45°C
Relative Humidity	5% ~ 95% (non-condensing)
Ingress Protection	IP65
Dimensions	W650*D420*H205mm
Weight	≈30kg

Base

Dimensions	W650*D420*H155mm
Weight	≈15kg