



AM²ENERGY SOLUTION

RESIDENTIAL ENERGY STORAGE BATTERY MODULE



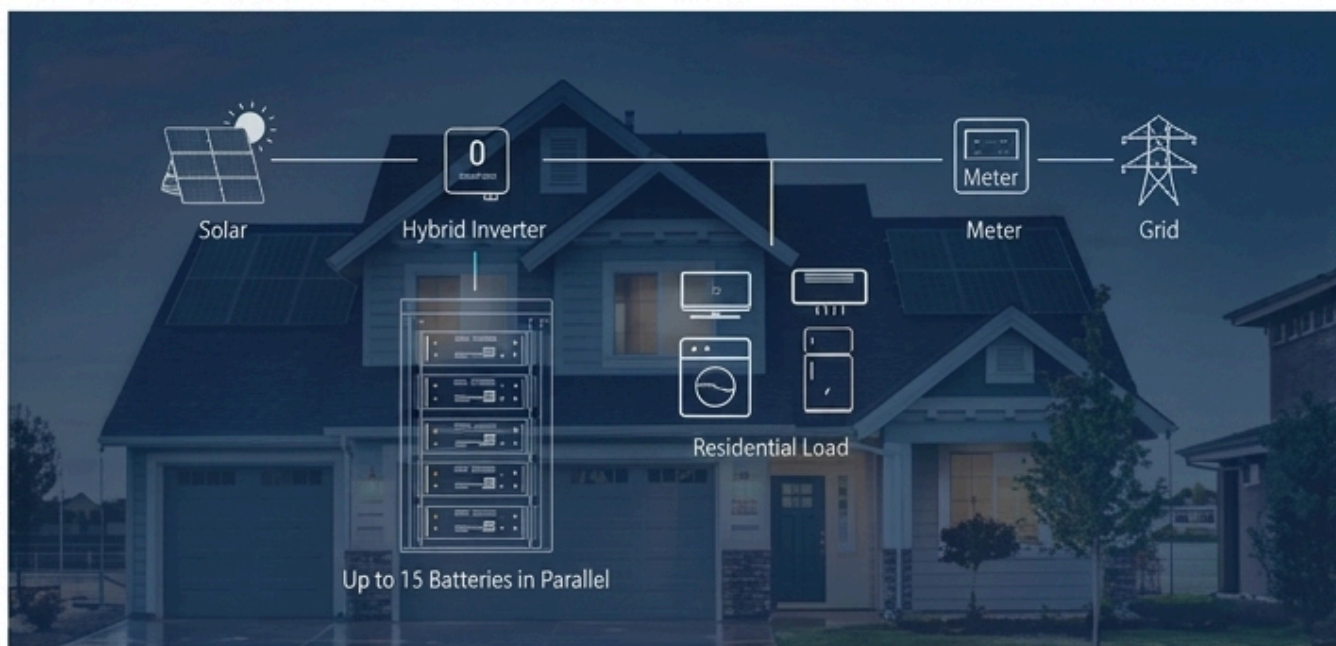
MD48-100-LCD

**MD48
-LCD**

- Rack-mounted, 19 inch Modular +
- LiFePO4 Battery, High Safety •
- Flexible Scalability •
- Long Lifespan •
- Compatible Inverters •

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Model		MD48-100-LCD
General		
Nominal Energy		5.12 kWh
Usable Energy		5.12 kWh
Scalability		Max. 15 in parallel (75.8kWh)
Dimension (W X H X D)		440 x 420 x 133 mm
Weight		~ 44 kg
Design Life		10 Years
Electrical		
Nominal Voltage		51.2 V
Operating Voltage Range		43.2 ~ 56.8 V
Charge / Discharge Current	(Recommend)	50A / 50A
	(Maximum)	100A / 100A
Operation		
Charge Temperature		0 ~ 50°C
Discharge Temperature		-10 ~ 55°C
Storage Temperature		-20 ~ 45°C
Humidity		5% ~ 95% RH (No Condensation)
Altitude		≤ 4000m
Ingress Protection		IP20
Communication Interface		CAN, RS485 (Optional WIFI, BLE)
Certification		UN38.3, EN 61000-6-1, EN 61000-6-3, IEC62619
Compatible Inverter		BST/SMA/Deyo/GOODWE/Growat/Solic/Victor/Votronic