SUNSOLAR®
Let the Sun be a Power Partner

Vami

THE NEW STANDARD IN ENERGY STORAGE

Discover an energy storage solution designed to keep pace with modern life. The Vami Lithium Battery combines intelligent engineering, dependable performance, and trusted reliability, delivering uninterrupted power whenever and wherever it's needed most.

51.2V-314 AH ~ VMBF - SERIES



FEATURES

Performance
6000+ Cycle Life LiFePO4 Cells

Safety
Smart Built-in BMS

Protection
IP20 Protection

Monitoring
Smart & 4.3" Touch Display

Warranty
6-Year Product Warranty

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PARAMETER	51.2V - 314 AH - 16.08KWH ~ VMBF - SERIES
Battery Chemistry	LiFePO4
Capacity	314Ah
Scalability	Max. 16 units pack in parallel
Nominal Voltage	51.2 v
Operating Voltage	43.2~57.6 v
Nominal Energy	16.08 kwh
Usable Energy	14.47 kwh
Recommend Charge/Discharge Current	150 Ah
Max. Charge/Discharge Current	200 Ah
Peak (2mins,25°C) Charge / Discharge	250 Ah
Recommend Depth of Discharge (DOD)	80%
IP Rating of Enclosure	IP20
Operating Temperature	Charge: 0~55°C; Discharge: -20°C~60°C
Storage Temperature	0~40°C
Humidity	5%~95%
Altitude	≤2000m
Cycle Life	≥6000 (25°C±2°C, 0.5C/0.5C, 80%DOD)
Installation	Floor-Mounted / Wheel
Monitoring	Touch Display

DIMENSION & WEIGHT

Dimension (W*H*D, mm)	530*840*255
Weight Approximate	127 (kg)

COMMUNICATION

Communication Port	CAN *2, RS485 *2
Warranty Period	6 years
Certification	UN38.3, IEC62619, CE

03-111-666-677

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