



Battery Supplies AQ-LITH EnergyRack 5.12 kW rack mounted LiFePO₄ battery module

EnergyRack 5.12 kWh module (BAT/50002)

Description	Parameter
Electrical	
Nominal voltage	51.2 V
Nominal capacity	100 Ah
Nominal energy	5.12 kWh
Operating voltage range	43.2-57.6 V
Standard charging current	20 A
Standard discharging current	50 A
Max. continuous output power	5 kW
Protection	
Overtemperature protection	✓
Overcharge protection	✓
Overdischarge protection	✓
Overcurrent protection	✓
Reverse connection protection	✓
Short circuit protection	✓
Physical dimensions	
Dimensions (W*D*H)	440×460×133 mm
Weight	44.2 kg
Others	
Communication	RS232/RS485/CAN
Scalability	up to 15
Charging temperature	0°C to 45°C
Discharging temperature	-20°C to 50°C
Recommended inverters	Victron

Manufacturer information:



Battery Supplies NV

Nijverheidslaan +50/56, 8540 Deerlijk, België
 Phone: +32 (0) 56 61 79 77
 Fax: +32 (0) 56 61 79 55
 Email: info@batterysupplies.be
 Web: www.batterysupplies.be

