



Lithiumod™ - 5.2 kWh, 48 V

Lithium-ion Battery Module, P/N 4BM5240N

Rack-mountable, hot-swappable, fully protected, battery module.



Massively parallel, remotely operable, battery rack system.



Safe

- Inherently safer LiFePO4 cells
- Current, voltage, temperature protection
- Safely reconnects to bus, Hot-swap safe
- Loss of isolation detection
- Redundant: two independent BMSs

Complete

- Autonomous, standalone
- Solid state protection switches
- High power DC-DC converter
- Balancing, SOC, SOH
- USB port for monitoring and control
- Lithiumod bus for expansion

Energy	5.2 kWh nom
Module voltage	52 V nom, 40~54.4 V
Power @ 50 %	5.2 kW nom, 14 kW peak
Current	100 A nom, 280 A peak
Discharge time	1 h nom, ≥ 30 min fast
Charge time	1 h nom, ≥ 30 min fast
Mass	74 kg
Dimensions	498 W x 261 H x 696 D mm

Expandable

- Any number of modules may be connected in parallel
- Coordinated operation of up to 127 modules with addition of a Rack Master (660 kWh)
 - Graphics User Interface
 - CAN bus communication
- Optional 3 kW charger / module

Applications

- Telecom
- Solar, House power
- Server farms, UPSs

Max no of modules	127 in parallel
Max energy	660 kWh max
Max power @ 50 %	660 kW nom, 1.8 MW peak

More info at Lithiumod.com



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