



# Lithiumod™ - Master

Managing Lithium-ion Batteries, PN 4BM0000M

Manages an array of Lithiumod battery modules and interfaces to the external system.

## Safe

- Inherently safe LiFePO4 cells
- Current, voltage, temperature protection
- Detects loss of isolation
- Redundant: two independent BMSs
  - Digital BMS, reporting data
  - Analog BMS, failsafe protector



## Expandable

- Manages 2 to 127 battery modules
- Each additional master handles up to 127 extra modules
- Up to 16129 modules using 128 masters
- Required for 2 or more battery modules

## Complete

- CAN bus communication
- USB port for config., testing
- Graphics User Interface



More info at [Lithiumod.com](http://Lithiumod.com)

## Module specifications

<b>Energy</b>	5.2 kWh nom
<b>Operating voltage</b>	20~921 V
<b>Power</b>	2 W operating
<b>Mass</b>	0.2 kg
<b>Dimensions</b>	100 W x 32 H x 76 D mm

## System specifications

<b>Max energy</b>	83 MWh max
<b>Max power @ 26 V</b>	83 MW nom, 104 MW peak
<b>No of modules</b>	1~127 (1 master) up to 16129 (128 masters)
<b>Bus voltage</b>	24~830 V



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