

Lithium Battery Settings

QUICK REFERENCE GUIDE



Using the Magnum Energy ME-RC-L or ME-MR-L Remote Controls, set Magnum Energy inverter/chargers to charge lithium iron phosphate (LFP) batteries.



Access LFP battery settings via built-in RV control panels using the ME-RVC-L bridge.

STANDARD LFP SETTINGS AVAILABLE FOR THE FOLLOWING MAGNUM ENERGY INVERTER/CHARGER MODELS

- MS2000-L • MS2812-L • MS4024-L • MSH3012M-L • MSH4024M-L • MMSA1012-L
- MS2012-L • MS2024-L • MS4048-L • MSH3012RV-L • MMS1012-L

ME-RC-L Remote Control

From the ME-RC-L Remote Control version 2.9 or higher, program your Magnum Energy inverter/charger to charge lithium batteries.



STEP ONE: Set the Low Battery Cutout to battery manufacturer's specifications.

- Press Setup
- Rotate to Low Battery Cutout

Status...
02 LowBattCutOut
- Press Rotary Knob to select
- Rotate to battery manufacturer's specs, or 11.0 VDC if not specified.

Status...
LowBattCutOut = 11.0
- Press Rotary Knob to save

STEP TWO: Set the Absorb Time setting to battery manufacturer's specifications. The setting is determined by the 20-hour amp-hour capacity of your battery bank.

- Press Setup
- Rotate to Absorb Time

Status...
03 Absorb Time
- Press Rotary Knob to select
- Rotate to 1 hour

Status...
Absorb Hrs = 1.0
- Press Rotary Knob to save

STEP THREE: Set the Battery Type setting to LFP.

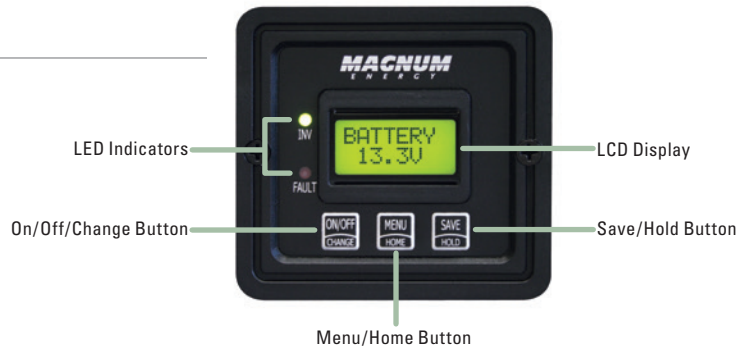
- Press Setup
- Rotate to Battery Type

Status...
04 Battery Type
- Press Rotary Knob to select
- Rotate to LFP

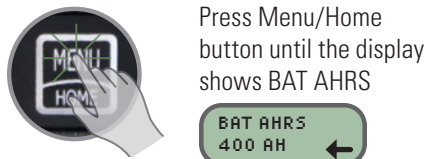
Status...
BatType = LFP
- Press Rotary Knob to save

ME-MR-L Remote Control

From the ME-MR-L Remote Control version 1.3 or higher, program your Magnum Energy inverter/charger to charge lithium batteries.



STEP ONE: Set the Battery Amp Hours to 200 AH = 1 hour.



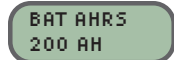
Press Menu/Home button until the display shows BAT AHRS



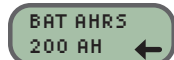
The current "saved" setting is indicated by an arrow in the bottom right-hand corner of the display



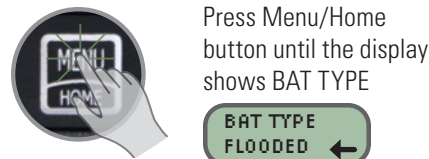
Press On/Off/Change button until 200 AH is shown



Press Save/Hold button to save the 200 AH setting



STEP TWO: Set the Battery Type setting to LFP.



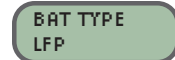
Press Menu/Home button until the display shows BAT TYPE



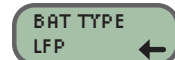
The current "saved" setting is indicated by an arrow in the bottom right-hand corner of the display



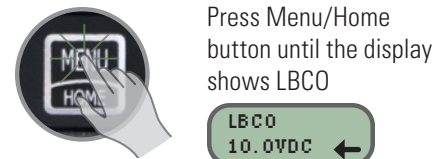
Press On/Off/Change button until LFP is shown



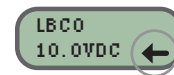
Press Save/Hold button to save the LFP setting



STEP THREE: Set the Low Battery Cutout to battery manufacturer's specifications.



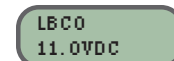
Press Menu/Home button until the display shows LBCO



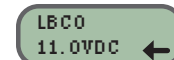
The current "saved" setting is indicated by an arrow in the bottom right-hand corner of the display



Press On/Off/Change button until correct Low Battery VDC setting is shown for your battery specs, or 11.0VDC if not specified.



Press Save/Hold button to save the LBCO setting



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Power Conversion