



AM SOLAR

Programming Your Magnum Inverter with the ME-RC Remote for use with Lithium Batteries

Press the Setup button to enter the following sections:

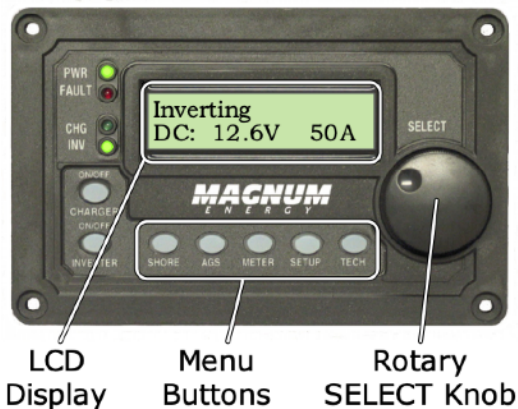
1. **Search Watts** - Off
2. **LowBattCutOut** - Adjust to 10.5
3. **Battery Type** - Adjust to CC/CV
 - Max Charge Amps - 200
 - Set CV Charge Volts - 14.4
 - EndChg - DC Amps
 - DoneAmps - 2 ADC
 - Maxtime - 6 Hours
 - Recharge - 13.2

Press the meter button to return to the default screen.

NOTE: If your lithium manufacturer suggests different voltages than the values you see above, substitute the manufacture's numbers. The "Recharge" voltage should be .3V below what is recommended for float, and the "Set CV Charge Volts" should be what is recommended for absorption.

Battery Type	Inverter Voltage	Absorption Voltage	Float Voltage	Equalization Voltage
GEL	12 VDC	14.1 VDC	13.6 VDC	14.1 VDC ¹
	24 VDC	28.2 VDC	27.2 VDC	28.2 VDC ¹
	48 VDC	56.4 VDC	54.4 VDC	56.4 VDC ¹
Flooded	12 VDC	14.6 VDC	13.4 VDC	15.5 VDC
	24 VDC	29.2 VDC	26.8 VDC	31.0 VDC
	48 VDC	58.4 VDC	53.6 VDC	62.0 VDC
AGM 1 ²	12 VDC	14.3 VDC	13.1 VDC	15.5 VDC
	24 VDC	28.6 VDC	26.2 VDC	31.0 VDC
	48 VDC	57.2 VDC	52.4 VDC	62.0 VDC
AGM 2 ³	12 VDC	14.5 VDC	13.5 VDC	14.5 VDC ¹
	24 VDC	29.0 VDC	27.0 VDC	29.0 VDC ¹
	48 VDC	58.0 VDC	54.0 VDC	58.0 VDC ¹
Custom ⁴	12 VDC	12.0-16.0 VDC	12.0-16.0 VDC	15.5 VDC
	24 VDC	24.0-32.0 VDC	24.0-32.0 VDC	31.0 VDC
	48 VDC	48.0-64.0 VDC	48.0-64.0 VDC	62.0 VDC

ME-RC Remote



Shore button: When pressed, you can adjust the incoming current limit. Be sure to set this to 15A or lower if you are connecting at home.

