

Configuring the ME-RC50 for Lithium Batteries

Push **METER** once or twice, until set-up options appear

If BMK is included turn dial to:

05 BM: Setup > BM Charge Eff > Auto*

05 BM: Setup > BM Amp Hours > Set to (your battery capacity)

Push **SETUP** once or twice, until set-up options appear

01 Search Watts

Search = OFF

02 LowBattCutOut

LBCO = 11.4VDC

03 Absorb Time

Absorb Hrs = 1.0

04 Battery Type

BatType = Custom

Absorb = 14.2V

Float = 13.5V

Equalize = 14.2V

05 Charge Rate

Set The Charge rate 50% Battery capacity

Max Charge = 10%-100% e.g. 100Ah = 50%, 200Ah or more = 100%

06 VAC Dropout

Dropout = 80VAC

07 Power Save

PwrSave = 5min

Arbitrary, based on customer preferences

08 Screen Setup

Contrast = 60%

Brightness = 80%

Arbitrary, based on customer preferences

09 Final Charge

Silent

Rebulk = 13.2

10 Pwr Up Always

Pwer Up = NO

NOTE: Lithium batteries may not be at 100% state of charge on shore due to Magnums charging capabilities. You can fully charge the batteries by turning on equalization: When in silent mode hold the charger button until "EQUALIZING" is displayed at the top of the ME-RC50.

NOTE: For trailers, some vehicle tow packages do not include a battery isolator. Without this isolator the lithium battery bank can drain into the lead acid starter battery. To prevent this, disconnect the trailer while parked until an isolator is installed in the towing vehicle.

NOTE: This setting profile requires level 4 software revisions on both the inverter and monitor. See chart to bellow or online to verify compatibility.

<http://www.magnum-dimensions.com/references/magnum-remote-compatibility>

Inverter/Charger Model	Level 1 (L1)	Level 2 (L2)	Level 3 (L3)	Level 4 (L4)
RD1824	≥ Rev 2.6	≥ Rev 3.4	NA	≥ Rev 5.4
RD2212	-	≥ Rev 3.4	NA	≥ Rev 5.4
RD2624E	-	-	≥ Rev 4.1	≥ Rev 5.4
RD2824	≥ Rev 2.6	≥ Rev 3.4	NA	≥ Rev 5.4
RD3924	≥ Rev 2.6	≥ Rev 3.4	NA	≥ Rev 5.4
RD4024E	-	-	≥ Rev 4.1	≥ Rev 5.4
ME2000	≥ Rev 2.6	≥ Rev 3.6	≥ Rev 4.2	≥ Rev 5.4
ME2012	≥ Rev 2.6	≥ Rev 3.6	≥ Rev 4.2	≥ Rev 5.4
ME2512	≥ Rev 2.6	≥ Rev 3.6	NA	≥ Rev 5.4
ME3112	≥ Rev 2.6	≥ Rev 3.6	NA	≥ Rev 5.4
MM612	-	≥ Rev 1.0	NA	NA
MM612AE	-	≥ Rev 1.0	NA	NA
MM1012E	-	≥ Rev 1.1	≥ Rev 1.4	NA
MM1212	-	≥ Rev 1.0	≥ Rev 1.4	NA
MM1212AE	-	≥ Rev 1.0	≥ Rev 1.4	NA
MM1324AE	-	≥ Rev 1.2	≥ Rev 1.4	NA
MM1512AE	-	≥ Rev 1.3	≥ Rev 1.4	NA
MM1524AE	-	≥ Rev 1.1	≥ Rev 1.4	NA
MMS912E	-	-	≥ Rev 1.5	NA
MMS1012(G)	-	≥ Rev 1.0	≥ Rev 1.4	NA
MS1512E	-	-	-	≥ Rev 5.2
MS2000	-	≥ Rev 3.2	≥ Rev 3.7	≥ Rev 5.4
MS2012	-	≥ Rev 3.2	≥ Rev 3.7	≥ Rev 5.4
MS2024	-	-	≥ Rev 3.8	≥ Rev 5.0
MS2812	-	≥ Rev 3.2	≥ Rev 3.7	≥ Rev 5.4
MS2712E	-	-	≥ Rev 3.8	NA
MS3748AEJ	-	-	≥ Rev 3.8	NA
MS4024	-	≥ Rev 3.3	≥ Rev 3.7	≥ Rev 5.4
MS4024AE	-	≥ Rev 3.3	≥ Rev 3.7	NA

MS4024PAE	-	-	-	≥ Rev 4.0
MS4048	-	-	-	≥ Rev 5.7
MS4124E	-	-	≥ Rev 3.8	≥ Rev 5.3
MS4124PE	-	-	-	≥ Rev 5.5
MS4348PE	-	-	-	≥ Rev 5.5
MS4448AE	-	≥ Rev 3.3	≥ Rev 3.7	NA
MS4448PAE	-	-	-	≥ Rev 4.1
MSH3012M	-	-	-	≥ Rev 1.1
MSH4024M	-	-	-	≥ Rev 1.1
MSH4024RE	-	-	-	≥ Rev 1.1