

## Using Magnum Energy Remote With 12 Volt LiFeBlue Battery For ME-ARC Remote Version 4

*Warning: The Magnum Energy temperature sensor must not be used with your LiFeBlue Battery. Remove it from the system completely.*

The following parameters are for programming the **ME-ARC Version 4** advanced control only.

1. Setup 02B LBCO Setting: Volts = 12.0
2. Setup 03C Battery Type: = Custom
  - a. Set Absorb Volts: = 14.6
  - b. Set Float Volts: = 13.8
  - c. Set EQ Volts: = 14.6
3. Setup 03D Absorb Done Time: = 0.3
4. Setup 03E Max Charge Rate: = 100% for 2 or more battery; 70% for 1 Battery.
5. Setup 03G Final Charge Stage: = Float

### **Fast and Slow Charging**

The Magnum charger will normally start in the Float mode when connected to AC power. It will do this if battery voltage is at or above 12.9V. Charging slowly in this mode is allowed. If you want to charge at a faster rate, follow this procedure.

1. Press CTRL
2. Rotate to 02, Press Select.
3. Rotate to Start Bulk, press Select.

The Magnum Charger will now run through the Bulk, Absorb and Float cycles as programmed above.

## Using Magnum Energy Remote With 12 Volt LiFeBlue Battery For ME-ARC Remote Version 3.xx

*Warning: The Magnum Energy temperature sensor must not be used with your LiFeBlue Battery. Remove it from the system completely.*

The following parameters are for programming the **ME-ARC Version 3** advanced control only:

4. Setup 03B Battery Type: = Custom
  - Set Absorb Volts: = 14.6
  - Set Float Volts: = 13.8
  - Set EQ Volts: = 14.6
2. Setup 03E Absorb Done Time: = 0.3
3. Setup 03G Final Charge Stage: = Float
4. Setup 03G Final Charge Stage: = Float

### **Fast and Slow Charging**

The Magnum charger may not charge at full current when you plug in to shore power or start a generator. If the charger starts in the Float mode, it will charge slowly. This is fine unless you want a faster charge. To force a normal charge cycle:

1. Press CTRL
2. Rotate to 02, Press Select
3. Rotate to restart Bulk, press Select.

The Magnum Charger will now run through the Bulk, Absorb and Float cycles as programmed above.

## **Using Magnum Energy Remote With 12 Volt LiFeBlue Battery For ME-RC Remote Version 2.8**

*Warning: The Magnum Energy temperature sensor must not be used with your LiFeBlue battery. Remove it from the system completely.*

The following parameters are for programming the ME-RC remote control only.

1. Setup 02 LowBattCutOut: LBCO = 12.0
2. Setup 03 Absorb Time: Absorb Hrs = 0.3
3. Setup 04 Battery Type: Custom
  - a. Absorb = 14.6
  - b. Float = 13.8
  - c. EQ = 14.2
3. Setup 05 Charge Rate: Max Charge = 100% for 2 or more battery; 70% for 1 Battery.
4. Setup 09 Final Charge: Final = Float

### **Fast and Slow Charging**

The Magnum charger may not charge at full current when you plug in or start a generator. If the charger starts in the Float mode, it will charge slowly. This is fine unless you want a faster charge.

*Important: You must perform both steps of the procedure below to prevent overcharging the battery. Only use this procedure if you have followed the programing steps above.*

To start fast charging:

5. Press and hold the Charger button for 5 seconds. This will force Equalize on.
6. After the battery reaches 100% (or your desired capacity), press and hold the Charger button for 5 seconds to stop Equalize charging.

You are not actually Equalizing the LiFeBlue battery. This is simply a trick to force the Magnum Charger to charge at a higher rate.