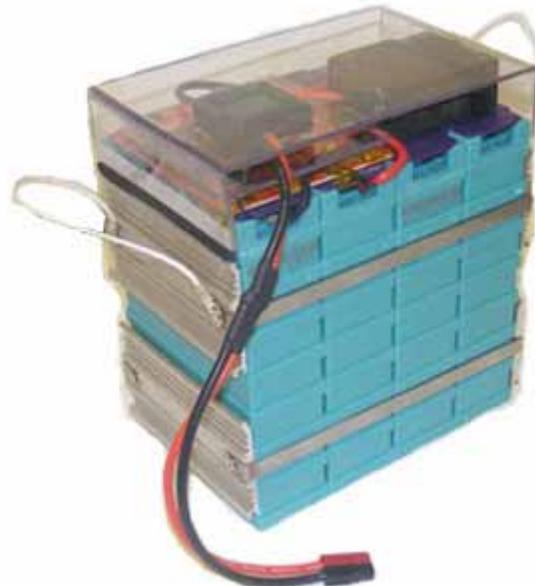


User Manual of
LiFePO4 Prismatic Battery: 12.8V 40Ah (512Wh, 30A)
with PCM , Switch & Watt Meter to Monitor Battery
Operation --- Double Over-Drain Protection



AA Portable Power Corp

AA Portable Power Corp (<http://www.batteryspace.com>)
Address: 860 S, 19th St, Unit A, Richmond, CA, 94804
Tel: 510-525-2328
Fax: 510-439-2808
Email: Sales@batteryspace.com
Prepared & Approved by Max (10/01/11)

Safety & Warning

- 1. Don't remove plastic cover on the top**
- 2. Don't drain battery with 30A Maximum Continuous discharge rate. (30A Maximum Impulse rate < 5 sec is acceptable)**
- 3. Must DIY connector with correct wire gauge size, otherwise, the wire may burn out.**
- 4. Must turn off switch after finish charge / discharge**
- 5. Must connect battery to load / charger with correct polarity by follow charge/ discharge diagram**

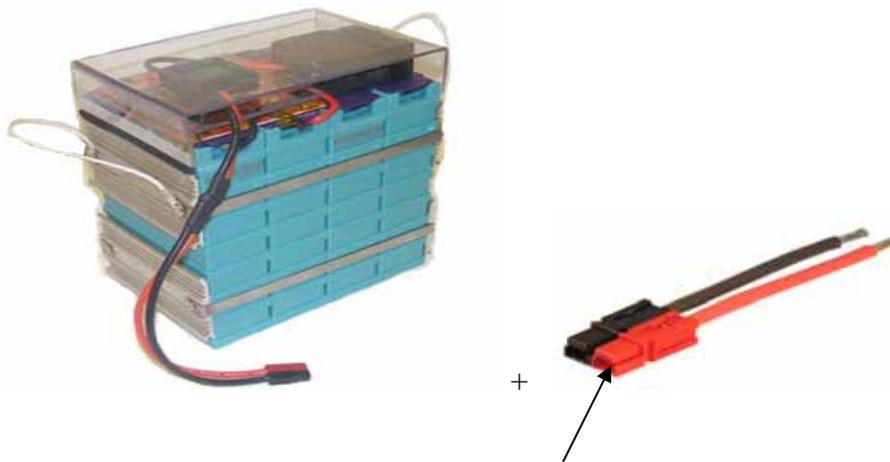
How to Discharge Battery

1. Turn on Switch, Watt up meter “ON”, measure “Voltage (V)” Parameter



2. Connect discharge terminal, Standard Anderson plug, to 12VDC load **device (30A Max drain rate (Impulse rate < 5 sec) . Must follow diagram below . Measure all parameter (Voltage (V) , Current (A), Power (W), Electronic Charge (mAh)) on watt meter except temperature (°C) You may need to buy excluded standard Anderson plug for connect with load device alligator clips plug)**

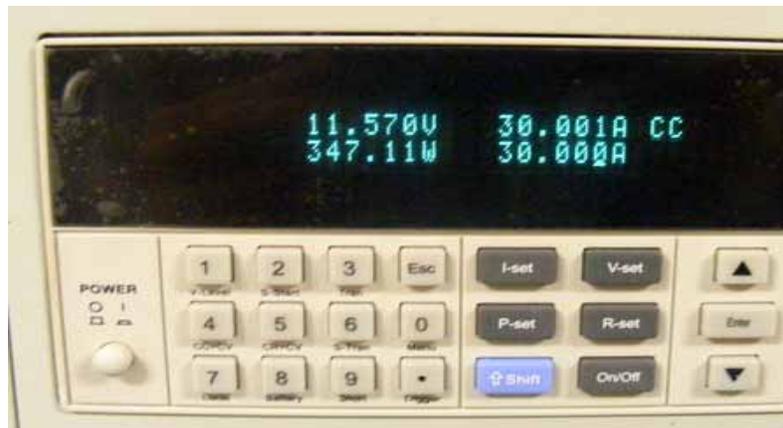
Battery --> Optional for DIY connector --> Load



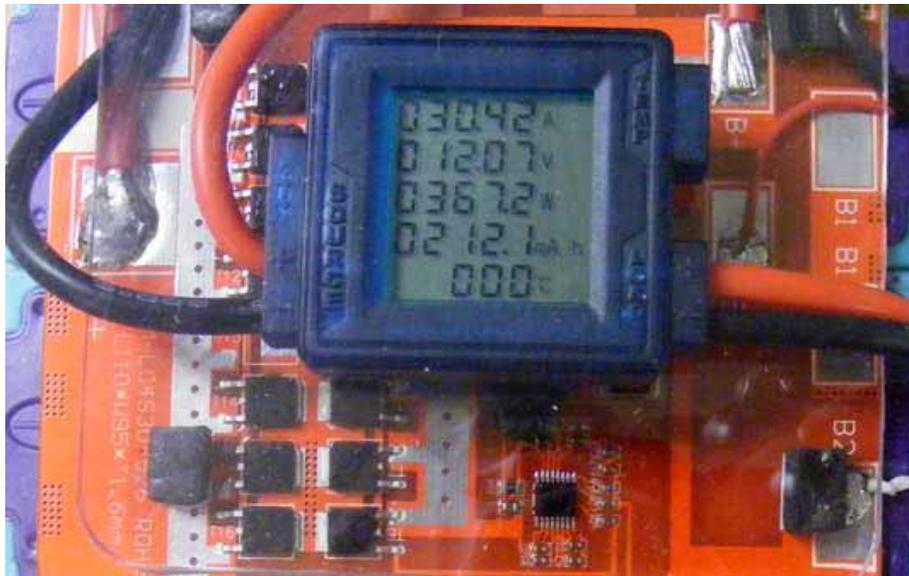
Excluded additional standard Anderson plug



How to connect with excluded standard Anderson plug & excluded DC Programmable Electronic load: 0-240A / 0-150V / 3600W --- M9717



Set CC (Constant Current) load = 30.0A from excluded DC Programmable Electronic load: 0-240A / 0-150V / 3600W --- M9717 (Timing < 5 sec)



Voltage (V) , Current (A), Power (W), Electronic Charge (mAh) parameter demonstrated while being discharged by excluded DC Programmable Electronic load: 0-240A / 0-150V / 3600W --- M9717 (Timing < 5 sec)

3. The battery will cut off automatically by PCM at 9.2V +/-0.5V
4. Must Always turn off switch after finish discharge



How to charge Battery

1. Must use Smart Charger (10 A, Watt-Meter Built In, Large Alligator Clip plug) for 12.8V LiFePO4 Battery Pack Worldwide use (Part# CH-LF12810WU) to charge / Monitor watt up parameter

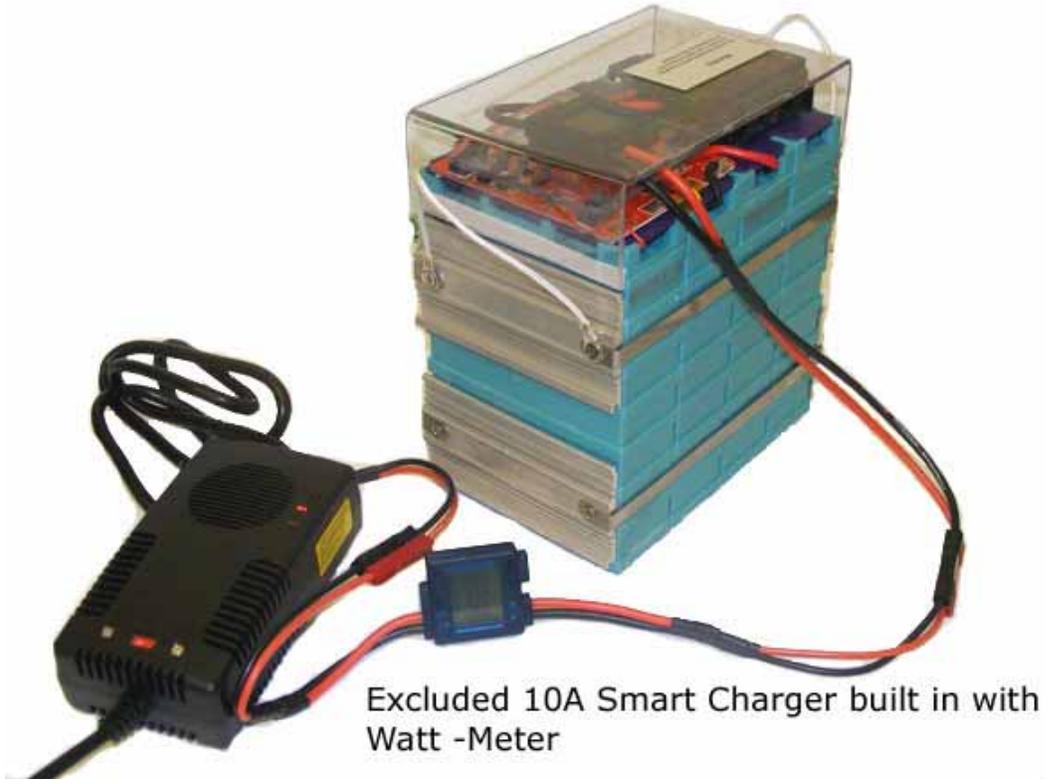


2. Turn on Switch, Watt up meter "ON", measure "Voltage (V)" Parameter



3. Connect Smart Charger to AC power outlet
4. Connect 10.0A Smart charger with built in Watt meter to battery. Must follow diagram below. LED will turn red indicate charging (Charger's alligator clips is not necessary to use). Measure all parameter (Voltage (V) , Current (A), Power (W), Electronic Charge (mAh)) on watt meter except temperature (°C)

Smart Charger --> Source terminal --> Load terminal --> Battery pack



Voltage (V) , Current (A), Power (W), Electronic Charge (mAh) parameter demonstrated while being charged by Smart Charger (10 A, Watt-Meter Built In, Large Alligator Clip plug) for 12.8V LiFePO4 Battery Pack Worldwide use

3. LED will turn green after the battery is fully charged
4. Must Always turn off switch after finish charge

