

## Specification of

**Smart Solar Control Box--Built in with LCD 30A charge controller + 200W DC-AC converter + 12VDC Triple Car light socket + 5.0VDC USB socket**



**AA Portable Power Corp**

AA Portable Power Corp (<http://www.batteryspace.com>)

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The most advanced Smart Solar Control Box--Built in with LCD 30A charge controller + 200W DC-AC converter + 12VDC Triple Car light socket + 5.0VDC USB socket. Now you can always power the 110VAC device (200W Max), 12.0VDC device (5.0A Max) , 5.0VDC device (0.5A Max). You can also get energy from sun, charge 12V / 24V SLA / LFP battery up to 30.0A charging rate.

Whole Smart Solar Control Box is only 5.6 lb built in with the following item.

- 1 pc of [Plastic Enclosure: 375 x258x104 \(mm\) P/N \(10-48\)](#)
- 1 pc of [Solar / DC Charge Controller \(30A Rate\) for 12V/24V SLA / LFP Battery with LCD Display](#)
  - Automatically detect/select voltage of solar panel (>360W) and battery, and can be used for both 12V and 24V solar power system or used as DC charger for 12V and 24V SLA and LFP battery pack for high current up to 30A
  - Automatically cut-off power when 12V/24V SLA/LFP battery is fully charged
  - Protect battery from overcharged and over-discharged to increase battery service life
  - LCD digital display shows state of charger (SOC) as a fuel gauge, all system parameters in digital value and system status as symbols
  -  [Please click here to download the specifications](#)
- 1 pc of [DC-DC Regulated Adaptor: 5.0VDC \(0.5A Max \) USB socket & 12.0VDC \(5.0A Max\) Triple Cigarette lighter socket](#)
  - Power consumption: 60W except USB port
  - Built-In Short circuit protection, stabilized output, low ripple & low interference
  - Output Voltage:
    - 5.0VDC (0.5A Max) from USB female socket
    - 12.0VDC (5.0A Max) from Triple Cigarette lighter socket
- 1 pc of [Power DC-AC Inverter: 200 Watt](#)
  - Convert 12.0VDC output from [Solar / DC Charge Controller \(30A Rate\)](#) to double 110VAC power socket
  - Inverter ON-Off switch installed
  - 20A Inverter fuse installed
- 50A Fuse to protect battery installed
- 1 pc of 4 pin male cannon plug for PV solar panel connection
- 1 pc of 4 pin male cannon plug for 12V / 24V SLA / LFP battery connection

## Picture Detail



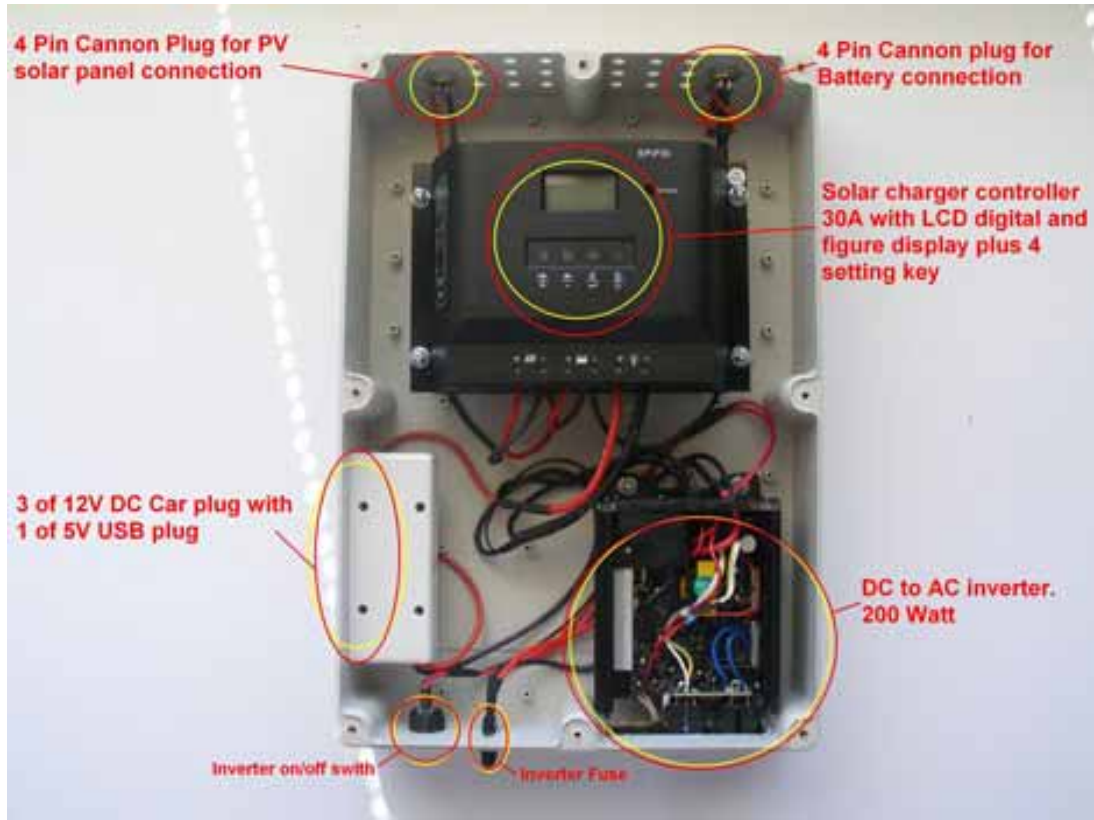
45' Veiw



**Back View: 20.0A fuse installed for protect battery, Solar Panel and Battery socket**

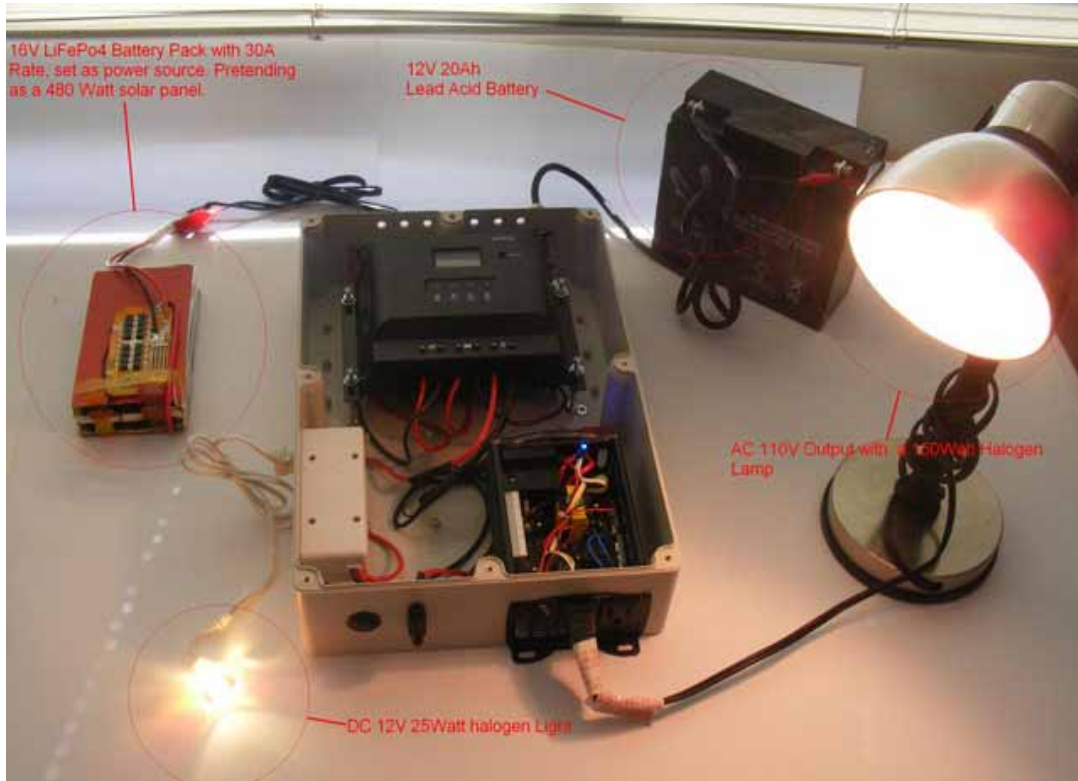


**Excluded connector for PV and Battery**



Top View: Component detail

## Testing Picture



How to connect with 150W AC device & 12VDC device



Digital LCD Panel for state of charger