

## CU-11.1V80AH Operation Instruction

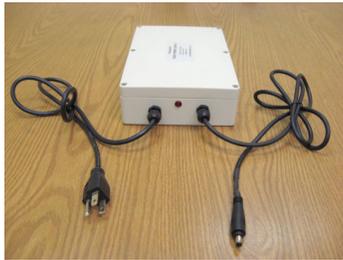
CU-11.1V80AH Consist of the following:



Main Unit x1



Solar charger connector x1



DC Power supply (AC charger) x1



DC output (3V, 5V & 12Vdc) connector x 3



DC/AC Inverter x1

**Note:** You can continue to charge the main unit while using it. However, if you notice the DC/AC inverter is not working. You will need to unplug & re-plug the DC cord from the DC power supply to reset the Main unit charging circuit.

To charge the main unit using AC power:

1. Connect the DC power supply unit's AC cord to any AC wall outlet; the LED will be on indicating there is power to the power supply.
2. Connect the DC power supply unit (see picture 1) to the main unit (see picture 2)
3. The AC charging LED on the main unit will turn **RED** indicating charging. The LED will turn **GREEN** when fully charged (see picture 3)

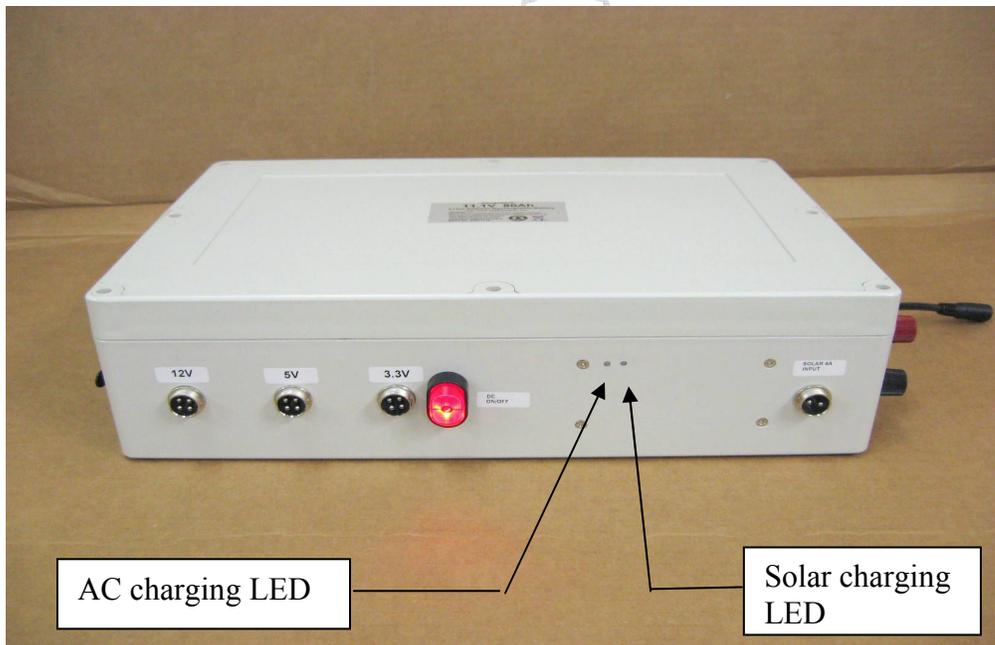
Note: it might take more than 10+hrs to fully charge the main unit!



Picture 1



Picture 2



Picture 3

To charge the main unit using solar power:

1. Connect the solar panel (customer provided) output to our solar charging connector (see picture 4). **RED** is positive and Black is negative. Maximum solar panel requirement is 18V@4A
2. Connect the solar charging connector to the main unit (see picture 5)
3. The Solar charging LED on the main unit will turn **RED** indicating charging. The LED will turn **GREEN** when fully charged (see picture 3)

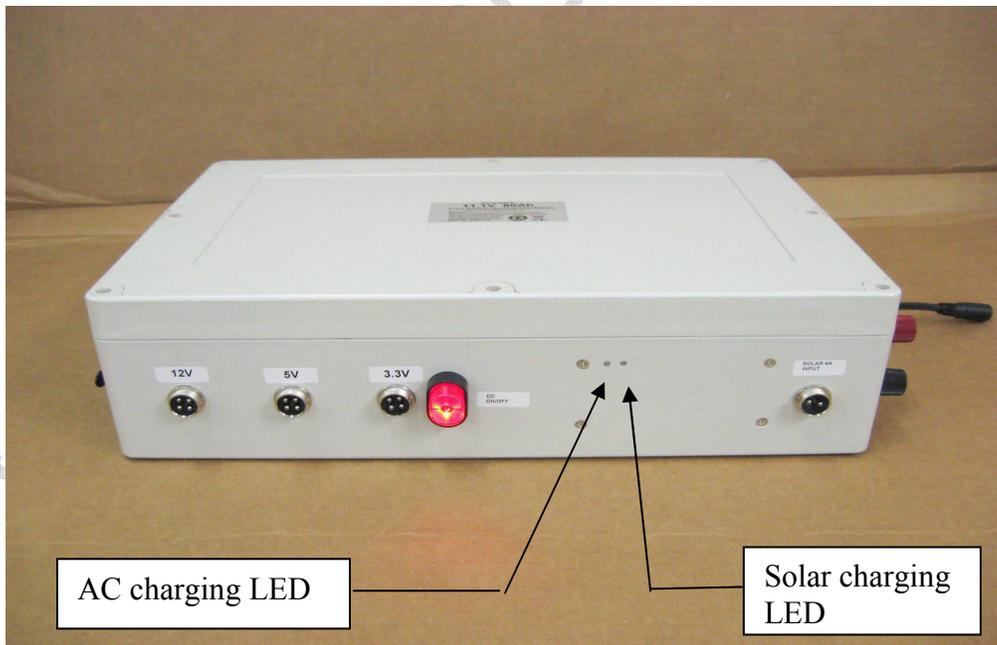
Note: it might take more than 20+hrs to fully charge the main unit



Picture 4



Picture 5



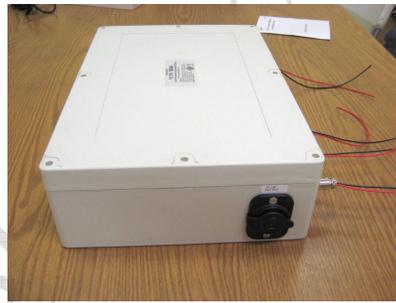
To use the AC power from the main unit:

1. Connect the DC/AC inverter (see picture 6) to the main unit (see picture 7). The **RED** LED on the cigarette lighter adapter indicated power is on.
2. Switch on the inverter (see picture 6) and **GREEN** LED will be on.
3. You can now connect your AC power device to the inverter to operate

Note: when the Inverter fails to operate, it is time to recharge the main unit. See above instruction on how to use AC power or solar power to recharge the unit. You can also continue to operate the main unit while charging.



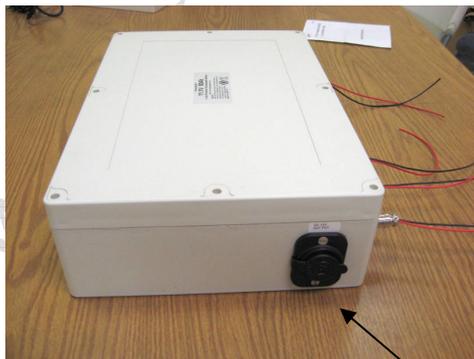
Picture 6



Picture 7

When to recharge Main Unit:

1. When the Inverter (picture 6) fails to operate, it is time to recharge the main unit or
2. When the 12V output (see picture 8) is drop to about 10.5Vdc, it is time to recharge



Picture 8

12Vdc Output. Cigarette lighter socket

To use the 3V, 5V & 12VDC power from the main unit:

1. Connect your DC device(s) to the DC output connectors (see picture 9).  
**RED** is positive and Black is negative.
2. Connect your 3V device to 3V output, 5V device to 5V output and 12V device to 12V output of the main unit (see picture 10)
3. Turn on the switch to provide DC power (see picture 11)



Picture 9



Picture 10



Picture 11

DC On/Off Switch