

PROJECTA - PM Shunt Calibration

Incases where the PM Shunt has not been calibrated to 0A correctly and the system SOC % is not following the battery voltage correctly.

Step:

1. Discharge your House batteries down to below the return to bulk charge point. (Lithium below 13.3V, for Lead acid below 12.8V no load voltage).
2. Tur off all loads and chargers so no current is flowing through the Shunt. (Load button on LCD OFF, and caravan AC Mains disconnected)
3. Disconnect the +B1 Red wire from the PM Shunt.



4. Count to ten.
5. Reconnect the Red wire to +B1 on the shunt. You will see the Red/Green light flash for 10 to 20 Sec, then go solid green.



6. Once solid green turn back on all chargers and loads.
Test with Inverter ON using an AC Appliance eg. Aircon or Microwave. Observe over current draw on the LCD or App.
7. Connect to Mains 240V Ac power and allow the system to do a full charge cycle up to 100% / float/ 0A going into the battery.
8. Your system / shunt is now calibrated to 100% and battery is at 100%
9. Use as normal and monitor the SOC % and Battery VDC voltage this should now stay in line and reflect correct SOC state.