

SHUTDOWN PROCEDURE

1. Locate AC Switchboard and raise the cover



2. Turn off the following switches in order

DOWN IS OFF:

- A. Generator Main Switch
- B. Normal Supply Main Switch
- C. Inverter Main Switch



3. Press the **OUTPUT MODE** Button on the SELECTRONIC SP PRO



4. Turn **OFF** the **DC ISOLATOR** on the **UNDERSIDE** of each inverter (one for each inverter installed)



↑ ABB/Fimer



↑ Fronius

5. Turn off the **BATTERY SYSTEM DC ISOLATOR** (open cover for access)

DOWN IS OFF



Cover closed



Cover Open

6. Turn off **PRECHARGE ISOLATOR**

DOWN IS OFF



START UP PROCEDURE: Reverse the above steps to start up again.
Step 6 first then wait until **SELECTRONIC SP PRO** "Christmas Tree" lights up.
THEN steps 5, 4, 3, 2C, 2B, 2A , 1

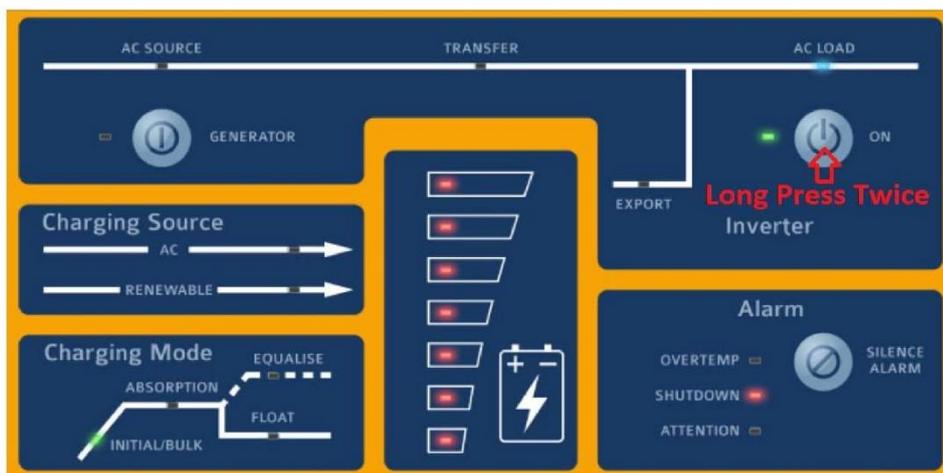
AC Coupled Low DC Recovery

This feature is only available in systems that have AC coupled solar installed. It uses the AC coupled solar to recover from a Low DC voltage or Low SoC shutdown.

This feature is used when the AC source (Generator or Grid supply) is not available, possibly due to a failed generator or long term grid outage.

To use the **AC Coupled Low DC Recovery** feature follow these simple steps.

1. **Wait until the sun is up** and there is enough sunlight to charge the batteries.
2. **Turn off all the loads** connected to the SP PRO. If this is not done then the **AC Coupled Low DC Recovery** mode will exit within 5 seconds.
3. **Long Press ON button Twice**. The SP PRO will go into **AC Coupled Low DC Recovery** mode and come on to power up the AC coupled grid inverters. The battery LEDs on the front of the SP PRO will flash red when in this mode. If the AC coupled solar does not start charging the batteries within 10 minutes then the SP PRO will exit this mode.



4. **Wait until Low DC shutdown recovers**. When the battery LEDs stop flashing red and the SP PRO remains on then the system has recovered.

5. **Turn on your loads**. The battery has now recovered enough to run the loads. Minimise power usage to avoid another shutdown.