Programming / Commissioning Your System - The Smart BP-65 Battery Protection

1. Supply 12V power to the BP (+ to IN post, - to GND pin).
2. Open VictronConnect and select the Battery Protect.
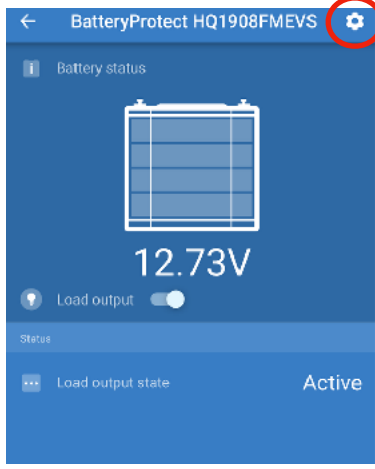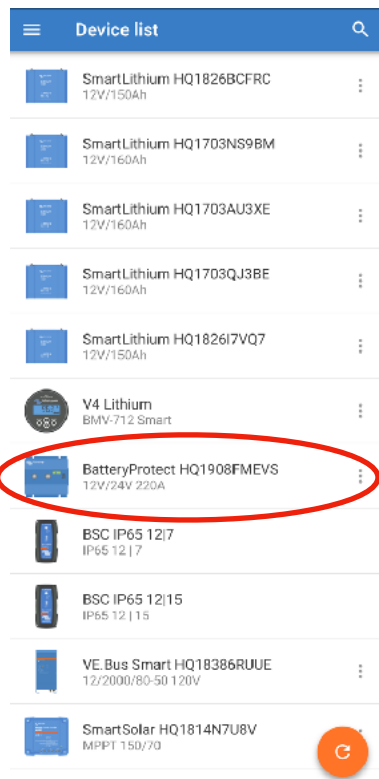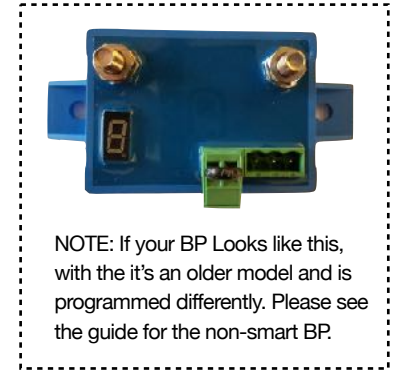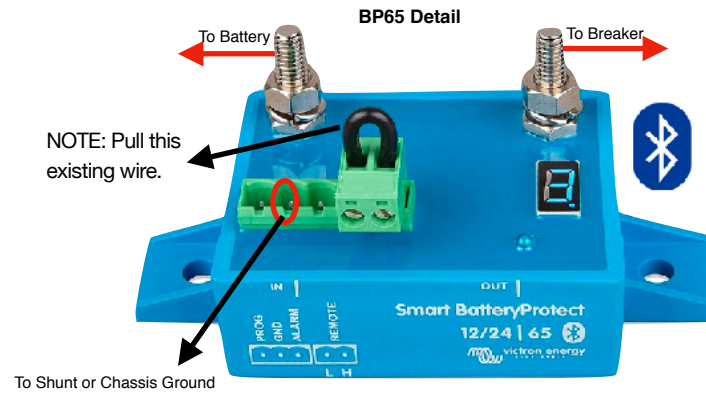3. The first screen has a switch to manually toggle the relay.
4. Click the gear in the top right to enter Settings.
5. Select "user defined" from the Preset menu.
6. Enter the following values:

   Shut down: 12.1v

   Restart: 12.7v
7. Mode: Leave on "B"
8. Alarm output: Select "Relay" from the menu.

BP65 Detail

To Battery

To Breaker

NOTE: Pull this existing wire.

To Shunt or Chassis Ground

NOTE: If your BP Looks like this, with the it's an older model and is programmed differently. Please see the guide for the non-smart BP.
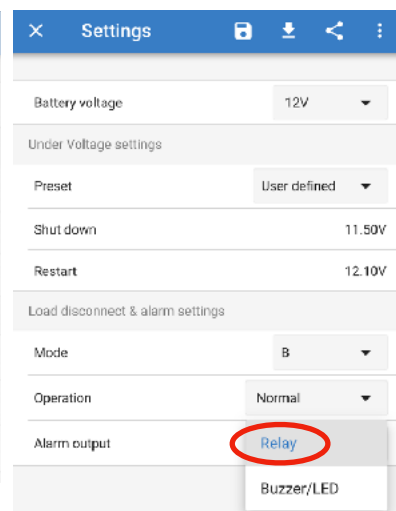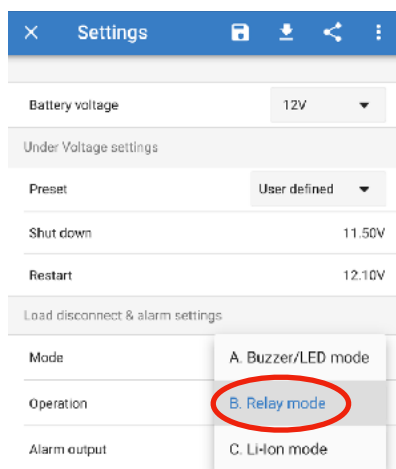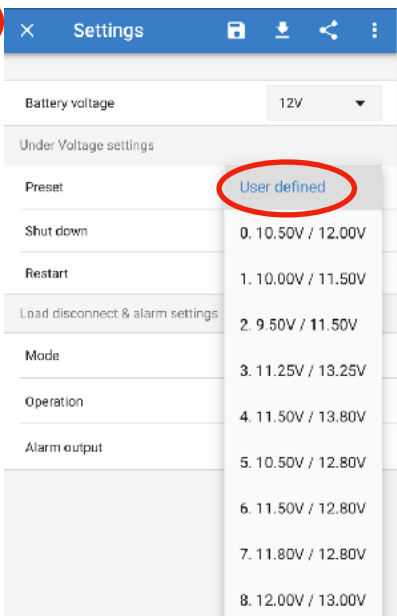
4. Select the gear icon

2. Select BatteryProtect from VictronConnect

5. Select "User defined" from the Preset menu

7. Mode should be set to "Relay mode"

8. Alarm output: Select "Relay"

NOTE: These setting were chosen on the conservative side, but can be adjusted depending on your needs. Do not lower the shut down voltage until you are very familiar with your system, since dropping below 12v may result in battery degradation.

If your battery protect shuts down your loads, it's important you recharge your batteries up to a full charge as soon as possible.