

INTELLI-RV 500AMP SHUNT MODULE

P/No. PMSHUNT



INSTALLATION GUIDE



Please read this document very carefully to avoid battery monitor malfunction or fire hazards.

The active shunt must be located in a dry environment.

MOUNTING THE MODULE

Do not use mounting screws with countersunk heads.



WARNING:



- The shunt must always be installed into the negative line.
- The battery negative terminal may only contain one cable, which is the one going to the shunt. If there are other cables connected to this terminal as well, this may produce incorrect display readings.
- Always connect the battery negative terminal to the 'B-' stud of the shunt. Connecting this terminal to the 'S-' stud will produce incorrect display readings.

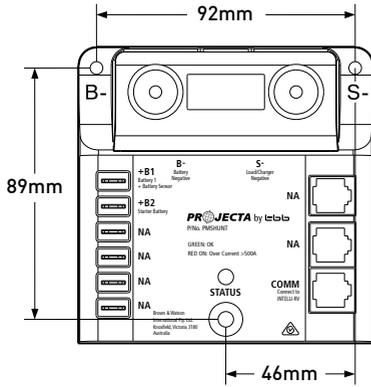
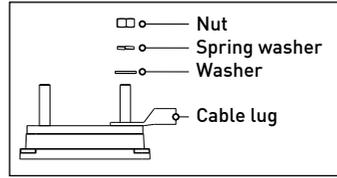
Always disconnect the battery negative cable first before installation.



Always connect the battery negative cable last when the installation has been completed.

INSTRUCTIONS

- Battery temperature sensor is optional and should be attached to the service battery (**B1**)
- Assembly sequence of nut, washers and cable lug:

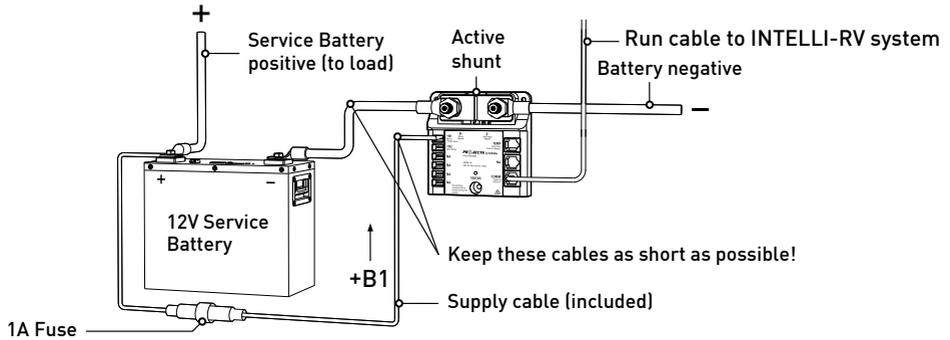


STATUS LED

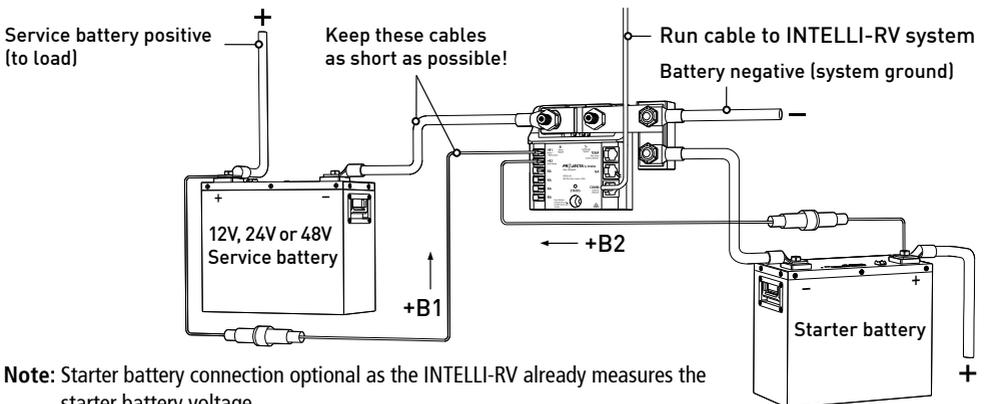
GREEN: OK

Red ON: Over current >500Amp

CONNECTION DIAGRAM FOR SINGLE BATTERY SETUP

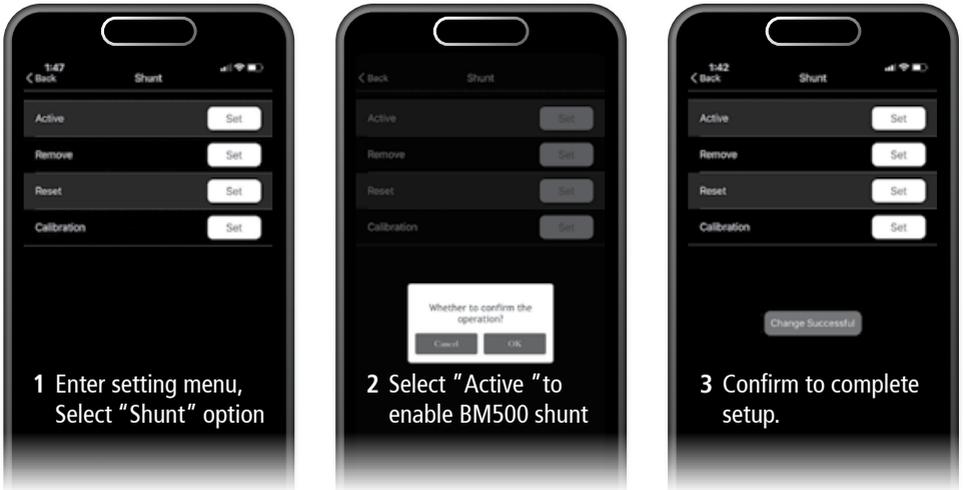


CONNECTION DIAGRAM FOR DUAL BATTERY SETUP



Note: Starter battery connection optional as the INTELLI-RV already measures the starter battery voltage.

SETUP VIA THE APP



1 Enter setting menu, Select "Shunt" option

2 Select "Active" to enable BM500 shunt

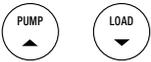
3 Confirm to complete setup.

SET UP VIA LCD

- Press the 'Light' button until the setting code is showing on the date time area which means the monitor is ready for configuration. The 'PUMP' button and 'LOAD' button can be used to scroll through the configuration menu.



- 1 Press and hold "Pump" and "Load" buttons



- 2 Engineering Screen displays



- 3 Press and hold "Light" button



- 4 Press "Load" button to scroll to "Module"

~00dLvE

- 5 Press "Light" to select

- 6 Press "Load" to scroll to "BM"

bā

- 7 Press "Light" to select

- 8 Press "Load" to scroll to "01"

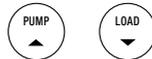
bā 01

- 9 Press "Light" to select

- 10 Press "Silent" until you return to Engineering Screen

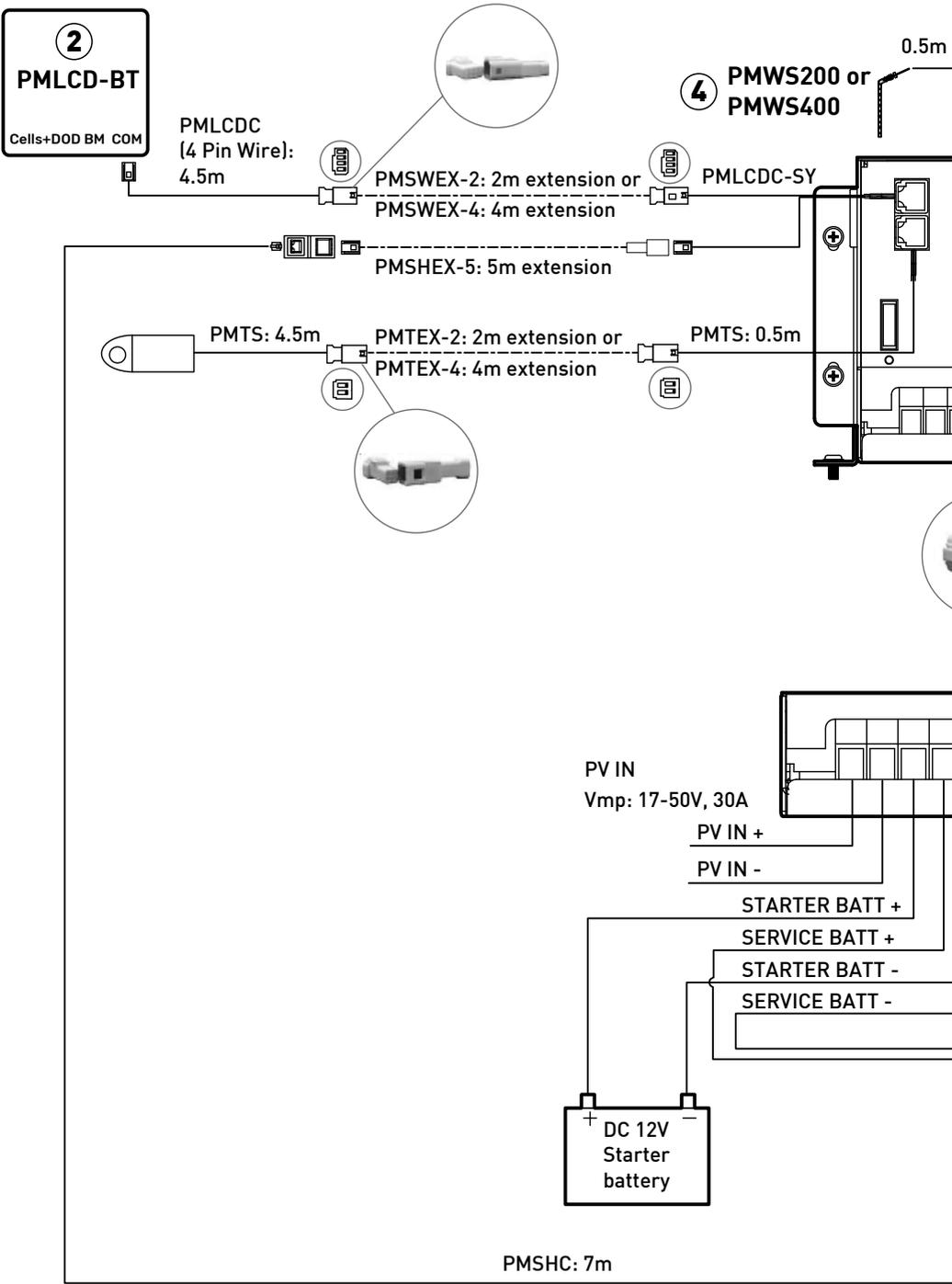


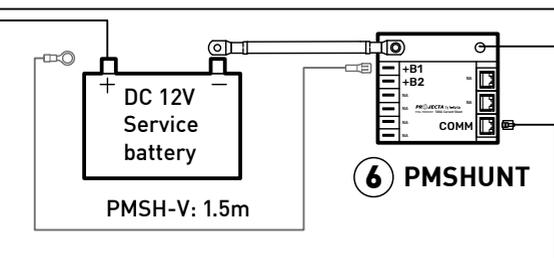
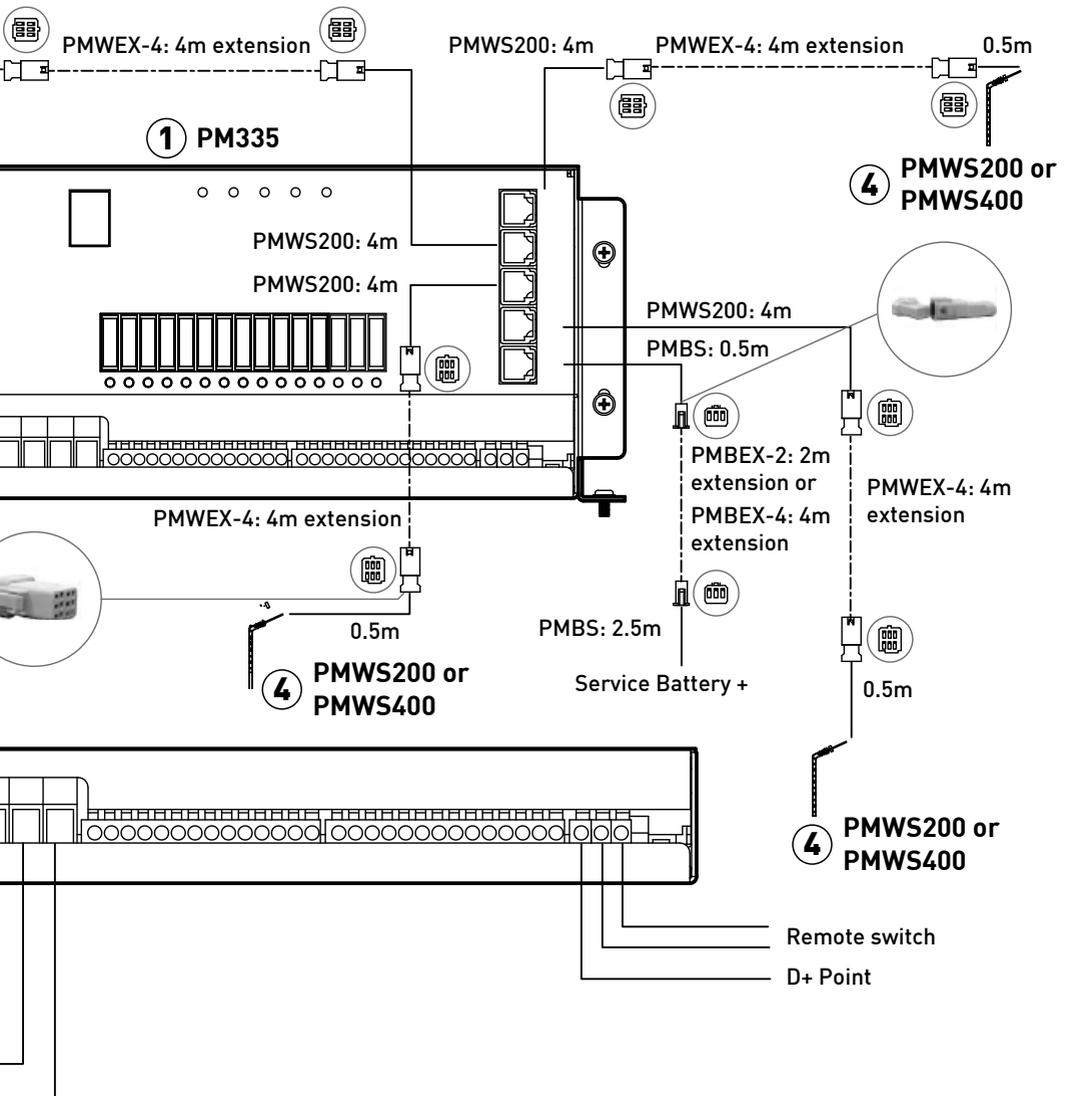
- 11 Press and hold "Pump" and "Load" buttons to exit engineering mode

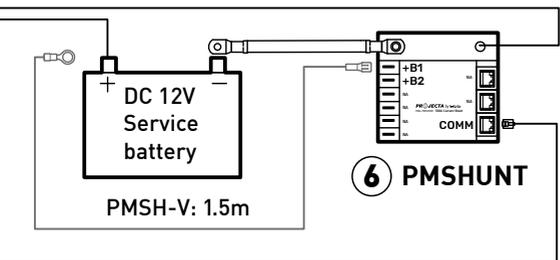
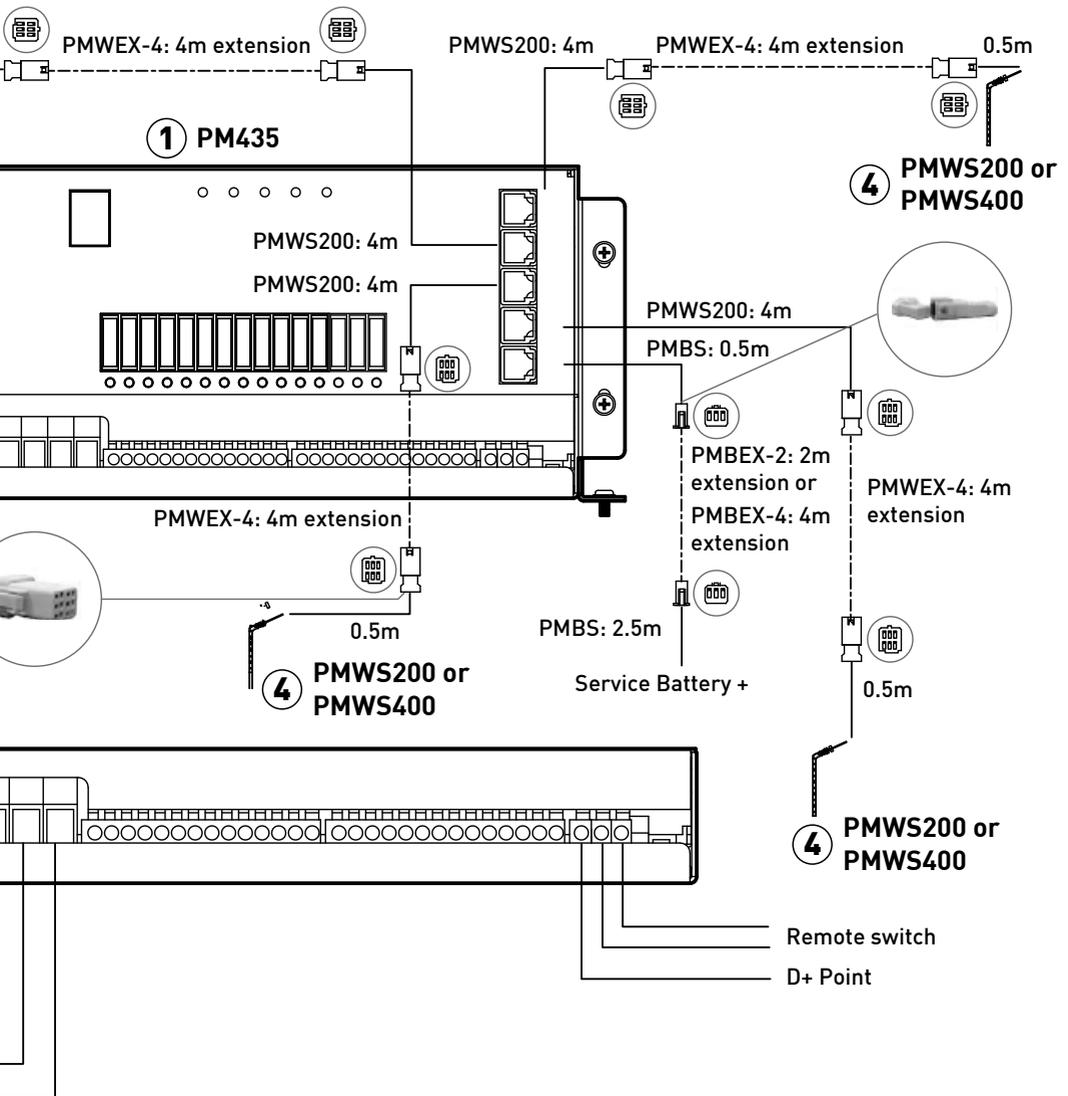


- 12 Shunt set up complete

PM300 + PMSHUNT WIRING DIAGRAM







WARRANTY STATEMENT

Applicable only to product sold in Australia

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To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that a warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim.

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