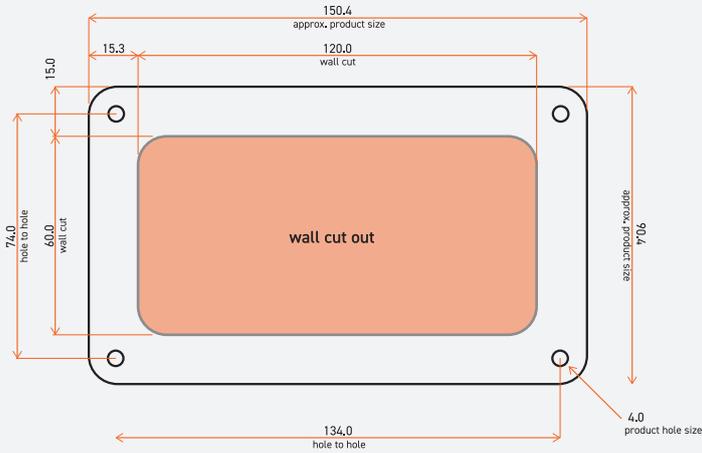


# ASDISPLAY INSTALL GUIDE

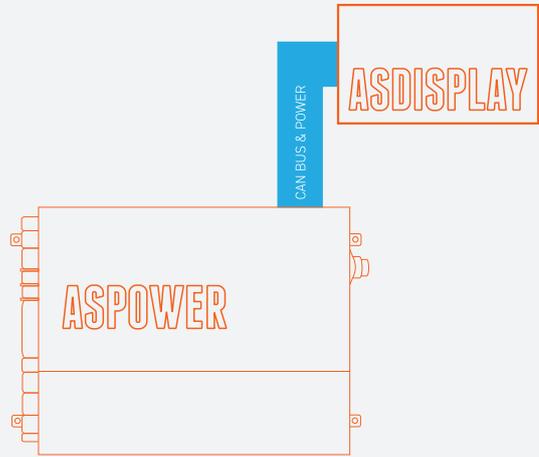
The ASDisplay, is a control and monitor display designed to show the current information about your battery and connected loads. It displays tanks level, battery level, (dis)charging state, battery chemistry, and available power source in the system. In addition, ASDisplay controls the pumps operation (up to 2x pumps). You can also put the system into ECO mode using the "ECO" button.

## 1. MOUNTING



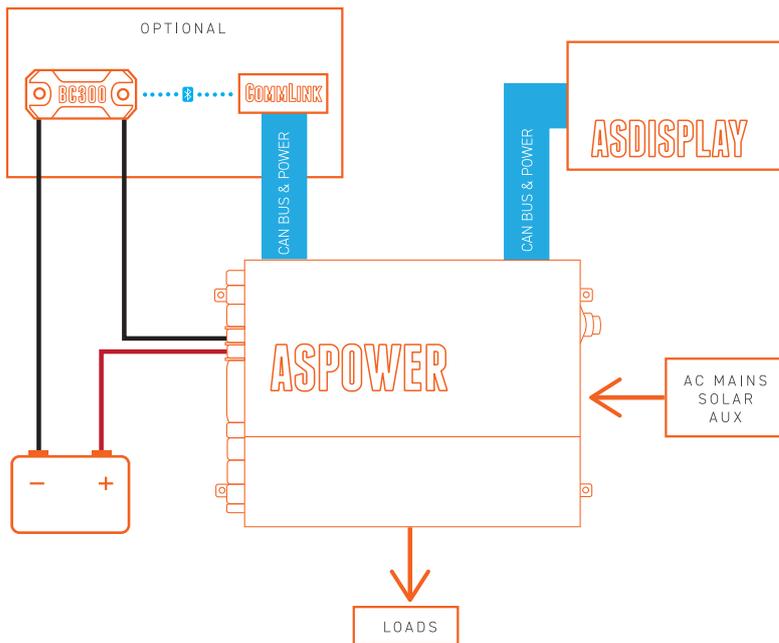
1. Mount the ASDisplay to the wall with screws.
2. A wall cut-out (as shown above) must be routed/cut prior to wall installation.
3. Screws with a max diameter of 4mm must be used for mounting.

## 2. CONNECTING THE ASDISPLAY

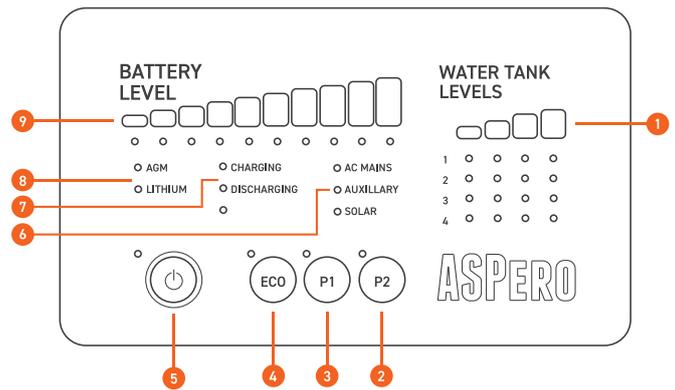


Connect the ASDisplay to the ASPower using the included CAN Bus cable.

## 3. WIRING DIAGRAM



## 4. DESCRIPTION



1. Water Tank Levels & 3. Pump Buttons
2. ECO Mode Button
3. Power Button
4. Power Source LED
5. Charging/Discharging Status LED
6. Battery Chemistry LED
7. Battery Level LED
- 8.
- 9.

## 5. SELECTING BATTERY CHEMISTRY

Battery chemistry must be set before the ASDisplay can be used.

1. Hold down the Power Button for 3 seconds to enter Settings Mode.
2. Press the ECO Mode Button to toggle battery chemistry.
3. Press the Power Button to save and exit.



## 6. SELECTING BATTERY CAPACITY

Battery capacity must be set before the ASDisplay can be used.

1. Hold down the Power Button for 3 seconds to enter Settings Mode.
2. Press the P1 Button to decrease the battery capacity.
3. Press the P2 button to increase the battery capacity.
4. Battery capacity is adjusted in increments of 10Ah.

Each flashing Battery Level LED represents 10Ah.  
Each flashing Water Tank Level LED represents 100Ah.

For example: 450Ah is shown as 4 water tank LEDs and 5 Battery Level LEDs.

5. Press the Power Button to save and exit.

BMPRO's ASPERO is a combined power management system and information display designed for recreational vehicles. The ASPERO powers your loads, charges your battery and provides you with live and easy to understand information about your battery status and water tank levels.

The system includes ASPower, a lithium battery-compatible battery management system that operates from 240V AC mains power supply, towing vehicle auxiliary and solar panels to simultaneously power caravan loads and charge the caravan battery.

It employs intelligent charging algorithms ensuring optimal battery health. And automatic battery preservation mode saves remaining battery power until you're ready and able to charge.

Also included is the ASDisplay, an information display designed to show you with current information about your battery and connected loads, including the battery level of the connected battery, the charging/discharging state, battery chemistry, active power sources.

To get the most from your ASPERO system it may also be used with the following products (sold separately) from the BMPRO range:

- BC300 + CommLink External Shunt for integration of additional accessories and high current loads such as inverters.
- Dipper water level indicators to monitor the water levels of up to 4 water tanks.



MANUAL



FAQs



PRODUCT PAGE