BMPRO

Odyssey
MOBILE APP USER GUIDE

ODYSSEY

INCLUDES PAIRING GUIDE FOR

OdysseyLink

TEAMBMPRO.COM

The BMPRO product range is proudly designed and manufactured in Melbourne, Australia, and represent a high-quality product that will power your adventures for years to come.

ABOUT BMPRO

With over 50 years' experience in power solutions combined with manufacturing and design facilities in Melbourne, Australia, BMPRO are the leading experts in RV power and control management.

Inspired by the great outdoors, we have created a range of rugged, smart and reliable products to power your adventures.

Our range of battery, power and RV management and control systems gives you peace of mind when you are on the road, so that you can relax in even the most far flung destinations, knowing you have control over your power needs.

Learn more about the BMPRO range
Visit our website!

TEAMBMPRO.COM

ODYSSEY APP

BMPRO's **Odyssey App** gives you the freedom to monitor your caravan battery and operate caravan onboard features, both from inside and outside if you are nearby your caravan, all from your device.

The Odyssey App operates with the BatteryPlus35 Battery Management System and OdysseyLink, installed in your caravan.
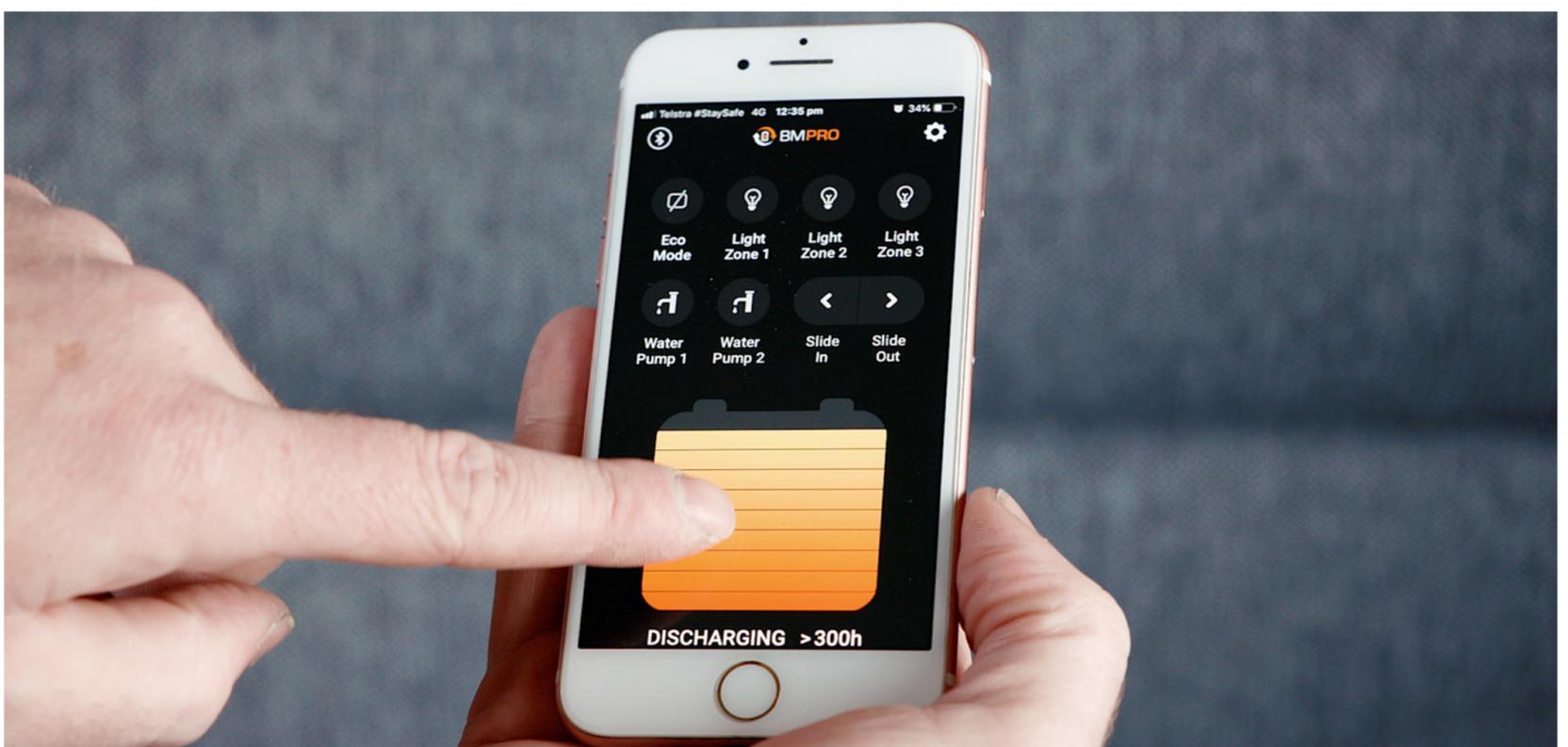
Operate caravan features including lights, hot water, slide outs and water pumps

Provide full visibility of caravan battery and power management including battery status, power consumption and available charge sources

Maximise battery charging current by quickly turning off all non-essential loads with a single press of a button

Monitor battery status, water tanks and caravan temperature

BMPRO

BatteryPlus35-II-HA
BMS MPPT HIGH AMP

CERTIFIED — BMPRO APPROVED LITHIUM SUITABLE LiFePO4 COMPATIBLE

FOR USE WITH LEAD ACID AND LiFePO4 BATTERIES
Product Code: BP35-II-HA

SMARTCONNECT READY

ORANGE – CHARGING
GREEN – OK
RED – FAULT
ALL OFF – SYSTEM OFF
REFER MANUAL FOR FAULT OR FLASH CODE

NEG OUTPUT   POS OUTPUT   AX BATT
1 2 3 4 5 6 7 8 9 10 11 12 13 14   1 2 3 4 5 6 7 8 9 10 11 12 13 14   - + - + RSW

SMARTCONNECT READY

BMPRO
OdysseyLink104

| TANK 1 | TANK 2 | TANK 3 | TANK 4 |

TEMPERATURE		SLIDE OUT	
INT	EXT	VIN	CONTROL
+ –	+ –	+ –	EXT RET

D13 S1 S2   Pin1   AWNING
028760 Job: 32079
A1547070031
Test CN101

ODYSSEY APP

ODYSSEY

Telstra 4G   3:48 pm   83%

BMPRO

Eco Mode | Light Zone 1 | Light Zone 2 | Light Zone 3
Water Pump 1 | Water Pump 2 | Slide In | Slide Out
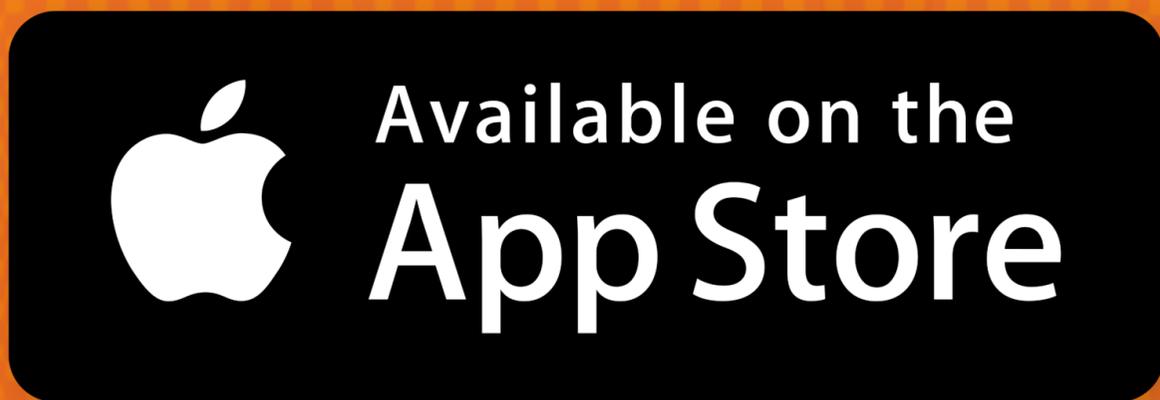
IDLE

KEY FEATURES

Android 4.2
and above

iOS 11
and above

Requires **OdysseyLink** and any model in the BMPRO BatteryPlus35 Battery Management System Range

BMPRO

Odyssey App

ODYSSEY

Available on the App Store

ANDROID APP ON Google™ play

OdysseyLink

PAIRING YOUR DEVICE

BEFORE YOU BEGIN

1. Connect your BatteryPlus35 to the OdysseyLink.

2. Connect your BatteryPlus35 to available input power sources (AUX, Mains, Solar) and to the caravan battery.

3. Turn on Bluetooth on your mobile device.

4. Download and install the Odyssey App.

PAIR YOUR DEVICE TO ODYSSEYLINK

1. Press the pairing button on the OdysseyLink. The LED will start flashing green, giving you 30 seconds to pair your mobile device.

PAIRING BUTTON

LED STATUS INDICATOR

SERIAL NO.
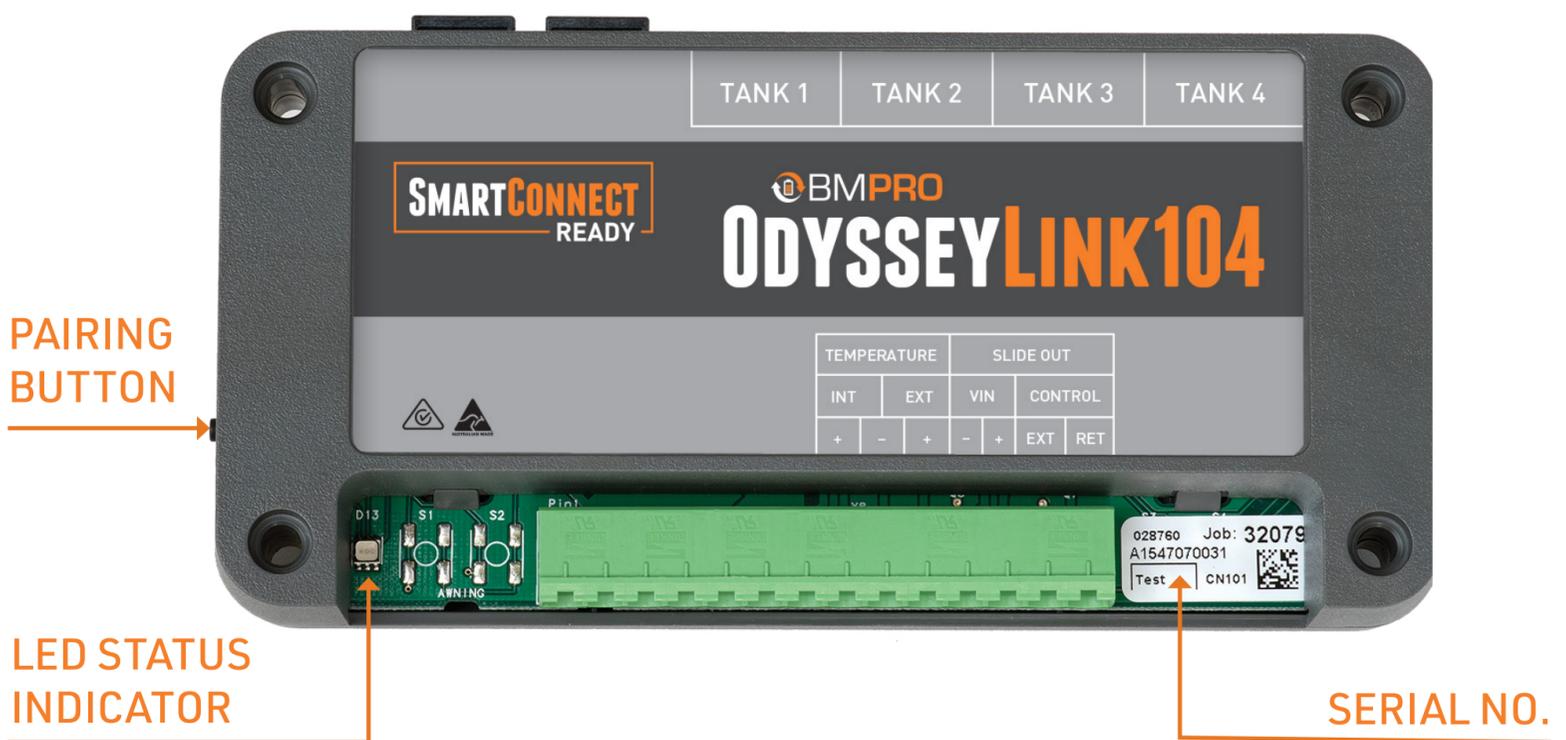
⚠️ IMPORTANT

An OdysseyLink can simultaneously pair up to four mobile devices, including BMPRO's Odyssey Monitor.

If the OdysseyLink is already paired to and in Bluetooth range with four mobile devices, the LED on the OdysseyLink will flash orange for one second instead of green when the Pairing Button is pressed.

The Odyssey App can be used to remove connected devices.

If a connected device is out of range, a different device is able to be connected.

2. Launch the Odyssey App on your device and press the "Scan" button. The Odyssey App will search for nearby OdysseyLink devices.

   Once this is complete, a list of the available OdysseyLink devices ready for connection will appear.

3. Select the device that corresponds to the last six digits of the serial number of the OdysseyLink you wish to pair.
   NOTE: An OdysseyLink104 serial number will always display as ODL104.

4. After a successful connection, the Bluetooth icon in the Odyssey App will no longer be crossed out.

Odyssey App

If you haven't yet registered your Odyssey, the registration screen will pop up.

1. Press **Register Now.**

2. Enter your name and email address.

3. Select your RV brand.

4. Choose whether your RV is new or used.

5. Press **Save.**

Name

_____

Email address

_____

RV Brand

| APOLLO | ▼ |

New / Used

| NEW | ▼ |

Your Odyssey is now registered with BMPRO.

Odyssey App

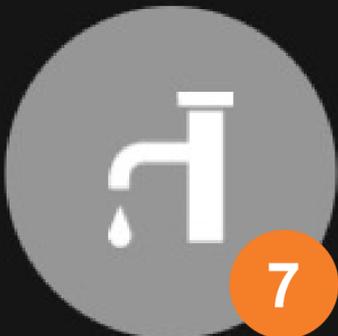## HOME SCREEN

BMPRO
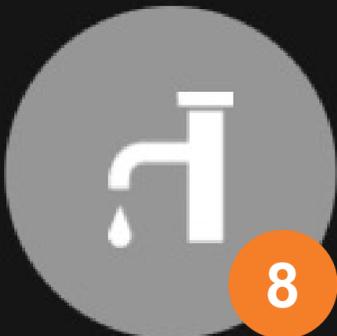
2

1
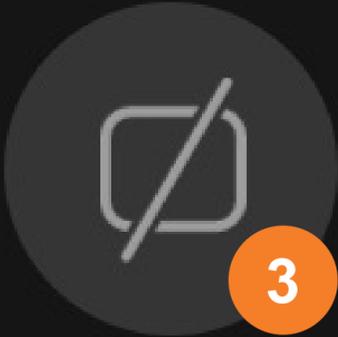
3 **Eco Mode**

4 **Light Zone**

5 **Light Zone**

6 **Light Zone**

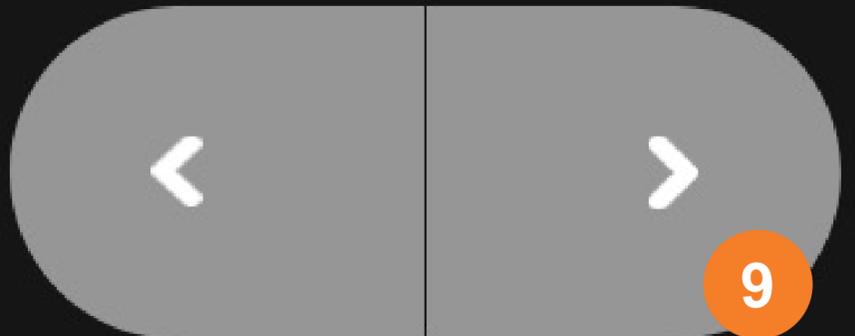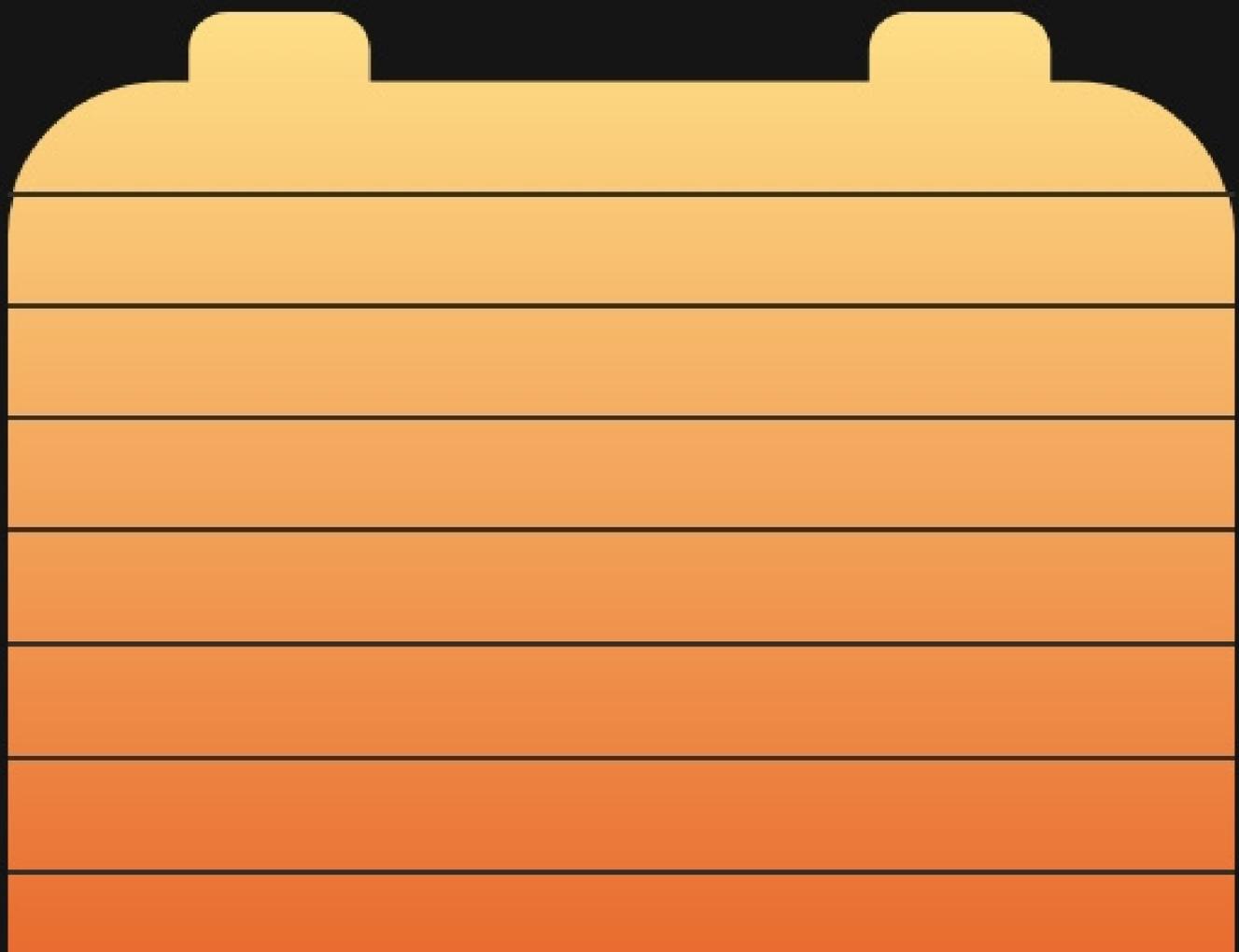7 **Water Pump**

8 **Water Pump**

9

Slide In

Slide Out

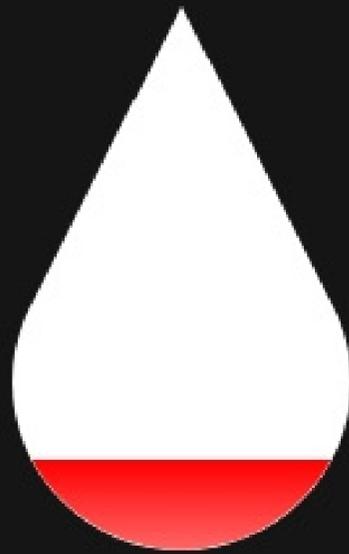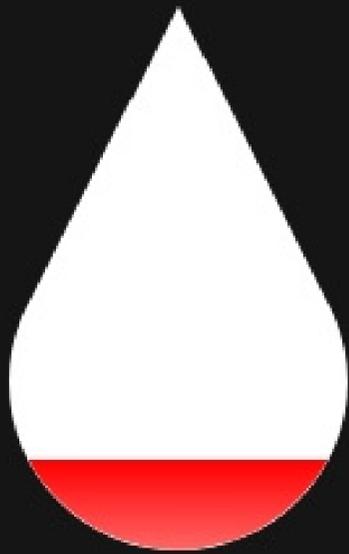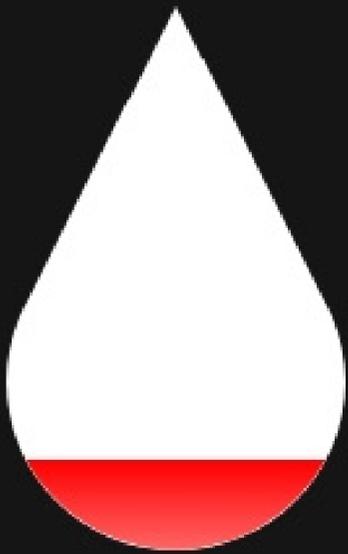**7h 13m left** ⑩
Discharging ⑪
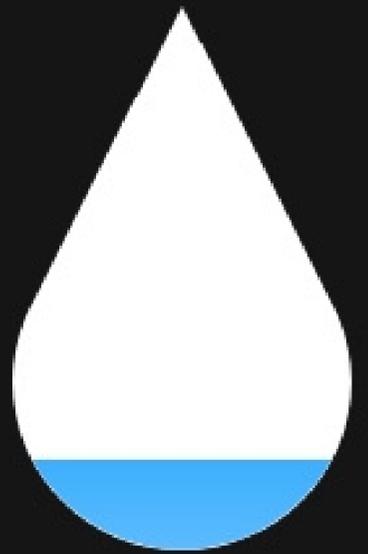
Tank1
1/4

Tank2
1/4

Tank3
1/4

Grey
1/4 ⑫

BATTERY

LOADS

9.8

12.1

AMPS ⑬

VOLTS ⑭

AMPS ⑮

INPUT SOURCE

SOLAR

AUX

AC
MAINS ⑯

SMARTCONNECT

17

1. SETTINGS MENU

   Access to the Odyssey App settings and functions.

   Here you can:

   - Configure water tanks.
   - Configure light zones.
   - Set warning thresholds for connected SmartConnect sensors.
   - Reset any connected external shunt.
   - Update battery capacity.
   - Update battery profile.
   - Change unit preferences.
   - View connected sensor battery levels.

2. BLUETOOTH PAIRING STATUS

   Shows the current Bluetooth pairing status.

   NOTE: When Bluetooth is disconnected, any information displayed on the Odyssey App will be incorrect. When the Bluetooth connection is re-established, the Odyssey App will update to reflect correct battery usage.

3. **ECO MODE**

   Enables Eco Mode. This powers off all caravan loads connected to the BatteryPlus35 load terminal block, except for terminal 1. Terminal 1 keeps power to the tablet.

   Battery charging is not affected by Eco Mode.

   As the caravan loads are no longer powered, Eco Mode is a convenient way to save the remaining power of your battery if you are on the road and have limited ability to charge the battery.

   When charging, Eco Mode ensures that all available charging current is dedicated to charging your battery.

4. **AREA MASTER LIGHT SWITCH 1**

5. **AREA MASTER LIGHT SWITCH 2**

6. **AREA MASTER LIGHT SWITCH 3**

7. **WATER PUMP SWITCH 1**

8. **WATER PUMP SWITCH 2**

9. **SLIDE-IN/OUT CONTROL**

   Controls the caravan's slide-in/out mechanism.

   Hold the button to activate.

   For safety reasons, this functionality is disabled if an electrical connection to a vehicle is detected.

10. **BATTERY STATE OF CHARGE**

   Provides a visual display of the battery's power capacity.

   Displayed only if a battery is connected to the BatteryPlus35.

11. BATTERY STATUS

Displays the monitored battery's power capacity and usage status:

CHARGING

The BatteryPlus35 is charging the battery. This is indicated by a lightning icon.

DISCHARGING

The caravan battery is in use. The display will show the time remaining until the battery is completely discharged.

IDLE

No current is flowing in or out of the caravan battery.

12. TANKS

Monitors water levels of up to 4 water tanks.

You can change the title and the type of the tank (i.e. dirty/clean) in the app's Settings.

When a 'Fresh' tank is almost empty, the lowest water level segment of the tank will turn red to indicate the tank is almost out of water.

The water level segments on a 'Grey' tank will turn red when the tank is full and needs emptying.

13. BATTERY AMPS

Indicates the charging/discharging current of the battery connected to the BatteryPlus35.

14. **BATTERY VOLTS**

   Indicates the caravan battery voltage.

15. **LOADS AMPS**

   Indicates the current delivered to the caravan's loads.

16. **INPUT SOURCE**

   Indicates external power sources available for charging your battery and powering the caravan loads.

17. **SMARTCONNECT**

   Access to any connected SmartConnect Bluetooth sensors - SmartSense, SmartTemp and SmartPressure.

Ensure OdysseyLink is SmartConnect ready.

SMARTCONNECT READY

ODYSSEYLINK FIRMWARE UPDATES

If the Odyssey App detects the firmware version of the connected OdysseyLink is out of date, a firmware update will automatically begin.

Once the firmware update is done, a message will appear.

Press **Done** to close the message and continue using the Odyssey App.

Battery Settings

Whenever you replace your caravan battery, make sure that it is configured in the Odyssey App.

Correctly setting the battery capacity will ensure the software accurately estimates the battery State of Charge and accurately calculates the Time Remaining.

1. Press the Settings button in the top right corner in the Home Screen.

2. Scroll down to the Battery Capacity Field.

Battery Capacity

Input Value
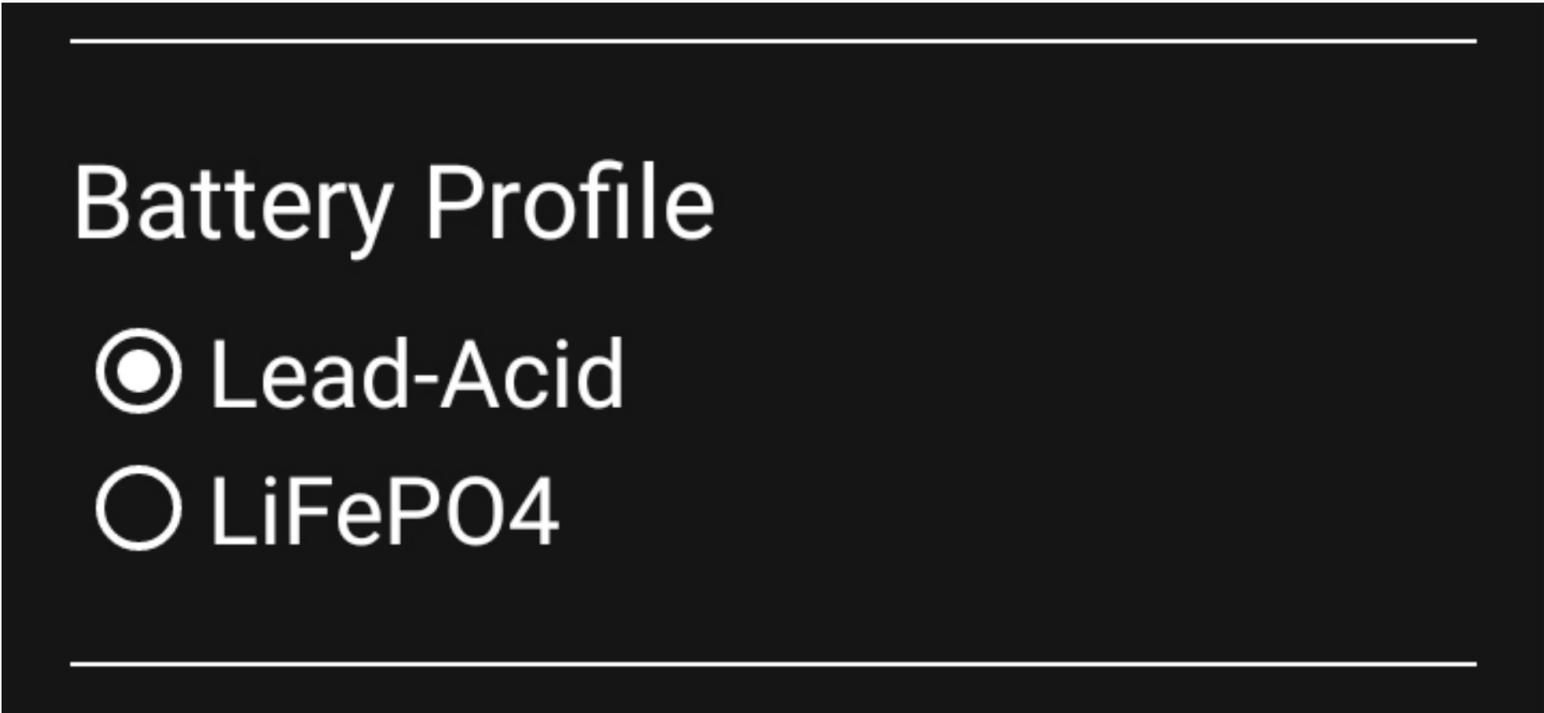
100 Ah

3. Enter your Battery Capacity in Ampere-hours.

If a BatteryPlus35-II-HA is installed, the Odyssey App will offer two different chemistry charging profiles.

Select the profile appropriate to your battery type.

CHANGE WITH CAUTION.

1. Select the appropriate battery type, Lead Acid or LiFePO4.

2. Return to the Odyssey App home screen.

Wall Switches

Wall Switches can be used to control features of your caravan using Bluetooth.

You can pair up to two Wall Switches to your OdysseyLink.

To pair a Wall Switch:

1. Press the Settings button in the top right corner in the Home Screen.

2. Press Wall Switches.

3. Press Add.

4. On the Wall Switch you want to pair, press any two buttons at the same time.

5. Once successful, the Wall Switch will appear in the Wall Switches list.

UNPAIRING WALL SWITCHES

If you ever need to unpair a Wall Switch:

1. Press the Settings button in the top right corner in the Home Screen.

2. Press Wall Switches.

3. Next to Remove wall switches, press Unpair.

4. Press Unpair next to the Wall Switch you want to unpair

5. Press Done.

CHECKING WALL SWITCH BATTERY

To check if your Wall Switch bateries need replacing:

1. Press the Settings button in the top right corner in the Home Screen.

2. Press Battery Levels.

3. Press any button on the Wall Switch you are checking.

4. Once the button has been pressed, the App will refresh with the Wall Switch battery status.

Wall Switches

? Press the switch panel on the wall to refresh the screen display.

OD-60: Switch   Battery OK