



OWNER'S MANUAL

# RVVIEW2



TEAMBMPRO.COM





# BM PRO

## POWERING YOUR ADVENTURES

With over 50 years' experience in power solutions combined with manufacturing and design facilities in Melbourne, Australia, BM PRO 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.

To learn more about the BM PRO range of products, please visit our website [teambmpro.com](http://teambmpro.com)



# SAFETY PRECAUTIONS

Please read the Safety Precautions before installing or using the RVView2. Be sure to observe all precautions without fail. Failure to observe these instructions properly may result in personal damage, or personal injury which depending on the circumstances may be serious and cause loss of life.



Correct installation is the most critical factor in ensuring the safe use of the RVView2. If every consideration of these instructions has been satisfied, the RVView will be safe to operate.



Keep the RVView2 away from water or other liquids.



Clean the housing of this product lightly with a dry or moist cotton cloth. Do not use alcohol, thinners, benzene or any other chemical cleaner. Do not allow any liquids to enter the housing.



The RVView2 is a high precision electronic product. It contains no user-serviceable parts inside. Do not try to dismantle, modify or repair it yourself. Disassembly, service or repair by an unauthorised person will void the warranty.



Product specifications are subject to change and improvement without notice.

MANUAL PART 035616

REV 4.0



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Designed by BMPRO, one of Australia's leading power solution experts, the BMPRO product range is proudly designed and manufactured in Melbourne, Australia, and represent a high-quality product that will provide years of service.

**DISCLAIMER** BMPRO accepts no liability for any loss or damage which may occur from the improper or unsafe use of its products. Warranty is only valid if the unit has not been modified or misused by the customer.



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# ABOUT THE RVVIEW2

The **RVView2** is a wall-mounted 12V battery monitor, designed specifically to operate with BMPRO's **BatteryPlus35-II** series (BatteryPlus35-II-SI, BatteryPlus35-II-SR, BatteryPlus35-II-HA).

The RVView2 provides vital data at a glance including caravan battery voltage and charging/discharging current. The RVView2 also provides an indication of the battery's remaining charge capacity as well as the time remaining before the battery completely discharges - so you'll never be left on the road without battery power.

In addition to battery monitoring, the RVView2 enables monitoring of water levels of up to four water tanks, all from a sleek, wall mounted back-lit display.

With the **OdysseyLink103**, the RVView2 becomes part of your Odyssey system.

With the Odyssey system, you can use BMPRO's free Odyssey App to monitor your battery and control your caravan's water pumps from your smartphone!

For more information about Odyssey, refer to your Odyssey Owner's Manual.

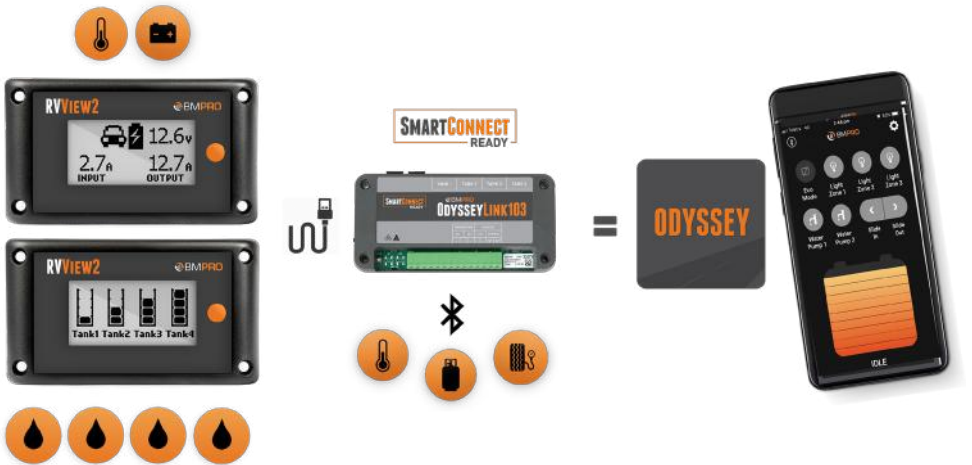


Figure 1: The Odyssey system with RVView2



# DESCRIPTION OF PARTS

## POWER INFORMATION SCREEN

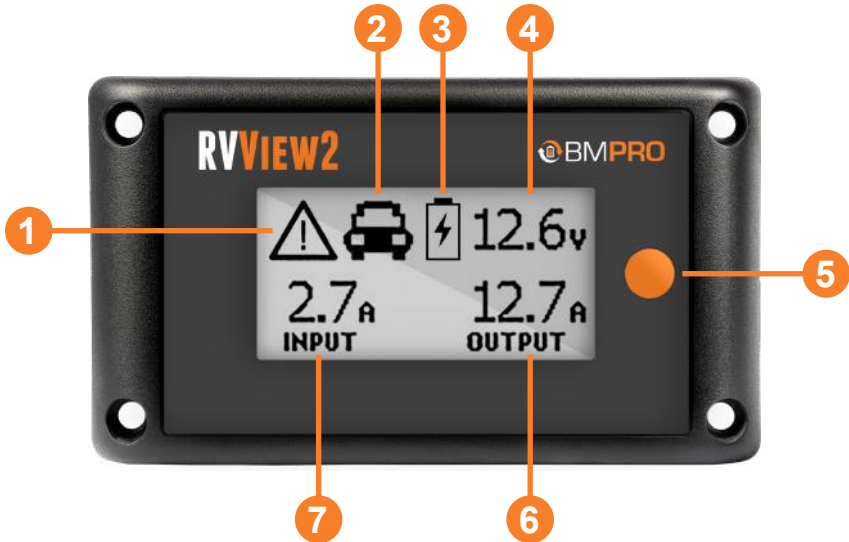


Figure 2: The power information screen on the RVView2 Monitor

### 1 WARNING INDICATOR

Indicating an issue, the RVView2 will display a warning if:

- There is a fault with one (or more) of the loads connected to the BatteryPlus35-II, for example, a short or overload fault.
- BMPRO's BC300 + CommLink has been installed and communication with the BC300 is lost.

### 2 POWER SOURCE INDICATOR

Displays the power source currently being utilised by the BatteryPlus35-II for charging the battery and powering the loads.

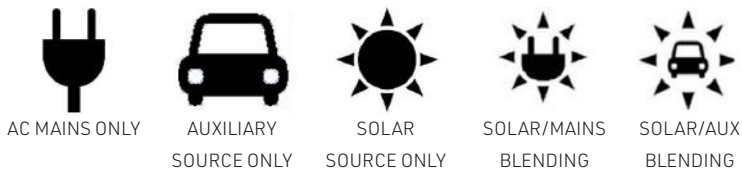


Figure 3: RVView2 power source indicator icons

### 3 BATTERY STATUS INDICATOR

Displays the status of the caravan battery connected to the BatteryPlus35-II.

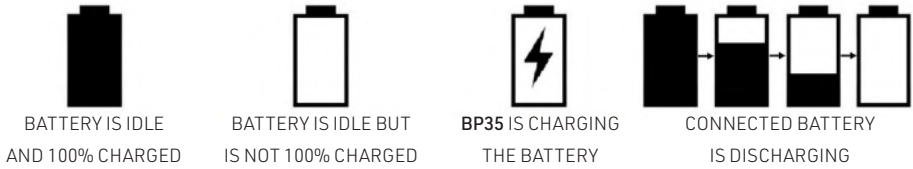


Figure 4: RVView battery status indications

The charging indicator will only appear if the positive current to the battery is 1.0A or higher.

### 4 SYSTEM VOLTAGE

Displays the system voltage.

If a caravan battery is connected to the BatteryPlus35-II, the RVView2 will display battery voltage. Otherwise the RVView2 will display the output of the BatteryPlus35-II when in Power Supply Mode.

### 5 BACKLIGHT/SCREEN CHANGE BUTTON

Press the backlight/screen change button to turn the backlight of the RVView2 screen on.

To switch the screen between the power information screen and the water tanks screen, press the backlight/screen change button to turn the backlight on, then press the button again to change the screen.

The backlight will automatically turn off after 30 seconds.

### 6 OUTPUT CURRENT

The current provided by the BatteryPlus35-II to power loads connected to the unit.

The RVView2 can only show current higher than 0.5A. Anything lower than 0.5A will be displayed as 0.0A.

### 7 INPUT CURRENT

The total current drawn by the BatteryPlus35-II, from its input sources, to power loads connected to the BatteryPlus35-II and to charge the caravan battery.

If the BatteryPlus35-II is charging the battery, the input current minus the output current will indicate the battery charging current.

The RVView2 can only show input current higher than 0.5A. Anything lower than 0.5A will be displayed as 0.0A.

This display may be blank if there are no input sources available and the battery is disconnected.

## WATER TANKS SCREEN



Figure 5: The water tanks screen on the RVView Monitor

### 1 TANKS

Displays the current water levels of up to 4 connected water tanks.

The water levels shown on the tanks are divided into 4 segments.

If a tank shows 1 segment, the tank is either disconnected, empty or is up to one-quarter full.

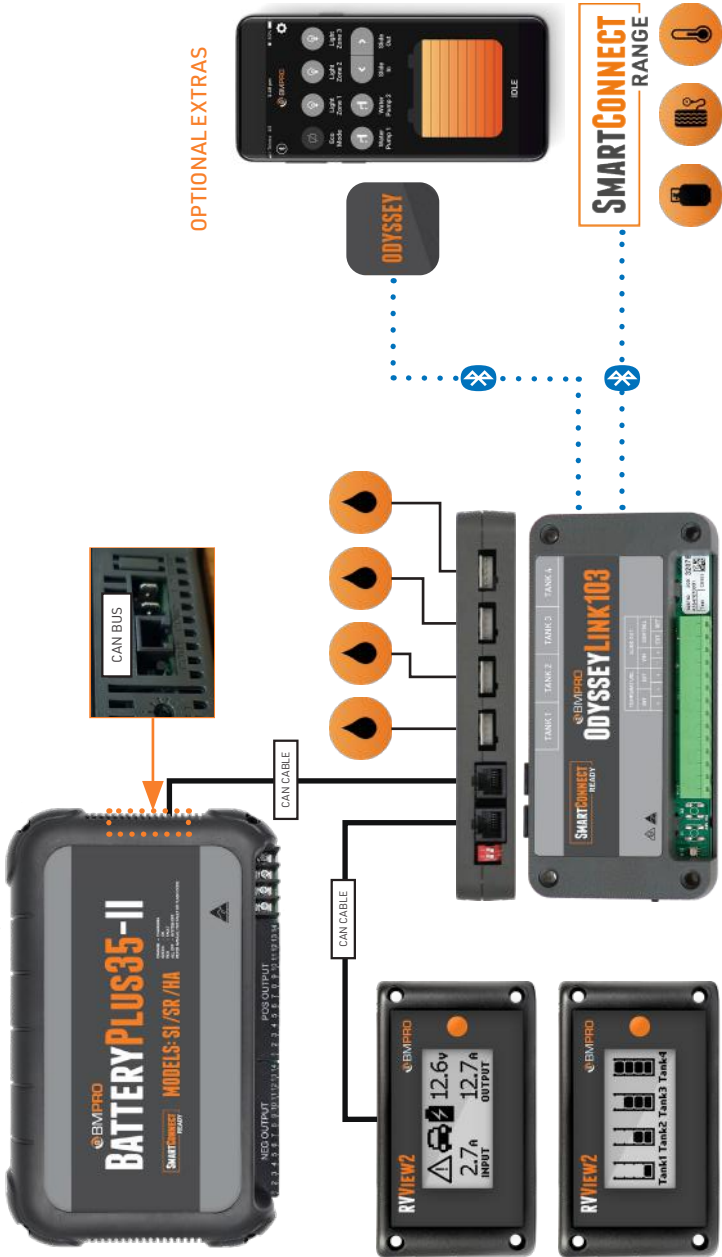
### 2 BACKLIGHT/SCREEN CHANGE BUTTON

Press the backlight/screen change button to turn the backlight of the RVView2 screen on.

To switch the screen between the water tanks screen and the power information screen, press the backlight/screen change button to turn the backlight on, then press the button again to change the screen.

The backlight will automatically turn off after 30 seconds.

# RVVIEW2 WIRING DIAGRAM



OPTIONAL EXTRAS

## USING YOUR RVVIEW2

The RVView2 is designed to work with the BatteryPlus35-II to display important information on your water tank status and 12V power system, including your battery.

The RVView2 does not have an ON/OFF button.

The RVView2 receives power directly from the BatteryPlus35-II through the connected data cable. The RVView2 will automatically turn off if it is not receiving power from the BatteryPlus35-II. A custom cable will have been supplied with your RVView2 which is required for connecting to the BatteryPlus35-II or the OdysseyLink.

## SERVICING

Do not attempt to service the RVView2 yourself, OR dismantle, modify or repair the RVView2 yourself; this will void your warranty. If your RVView2 requires servicing, please consult your BMAPRO dealer or visit [teambmpro.com](http://teambmpro.com) for assistance.

# FAQS AND TROUBLESHOOTING

## **Need more help troubleshooting your RVView2?**

Refer to our website for more information at [teambmpro.com/technical-support](http://teambmpro.com/technical-support)

### **Why has the RVView2 screen turned off?**

The RVView2 receives power to run the monitor from the BatteryPlus35-II. If the BatteryPlus35-II shuts power to the monitor, the RVView2 screen will turn off. The BatteryPlus35-II will shut power to the RVView2 if:

1. The user activated the remote switch connected to the BatteryPlus35-II. This turns off power to the data cable connecting the RVView2 and BatteryPlus35-II.

Check that the switch has not been activated.

2. The BatteryPlus35-II has entered Storage Mode and to conserve remaining battery voltage will disable power to the RVView2.

To repower the RVView2, plug the BatteryPlus35-II to a power source and begin battery charging. When the battery is sufficiently charged, the BatteryPlus35-II will enable power to the RVView2.

### **Why is the input/output current showing as 0.0A when there is an active current?**

The RVView2 can only display input or output figures of 0.5A or higher. If the level of current is lower than 0.5A, the RVView2 will display 0.0A.

### **My BatteryPlus35-II should be charging but there is no charging indicator on the RVView2?**

The charging indicator will only appear if the charging current to the battery is 1.0A or higher.

If you have BPRO's BC300 + CommLink installed, check that it is wired correctly.

### **Why are four water tanks displaying on the RVView2 when I don't have four connected?**

The RVView2 will always display four water tanks. If a tank is not connected, it will show a tank with one segment full, the same as if a tank was connected that is either empty or less than one-quarter full.

# SPECIFICATIONS

RVView2	
Visual Warning	Indicator displayed if BatteryPlus35-II short-circuit is detected
Water Monitoring	Dipper or tank bungs
Monitored Battery Capacity	50-600Ah
Input Voltage Range	6-16V
Battery Drain	< 22mA with backlight off
Ambient Temperature	0-50°C
Dimensions (mm)	140W x 80H x 15.5D

# COMPLIANCE

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Any changes or modifications not expressly approved by BMPRO could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna,
- Increase the separation between the equipment and receiver,
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected,
- Consult the dealer or an experienced radio/TV technician for help.





# WARRANTY TERMS AND CONDITIONS (AUSTRALIA)

Registering your BMPRO product is an important step to ensure that you receive all of the benefits you are entitled to. Please visit [www.teambmp.com](http://www.teambmp.com) to complete the online registration form for your new product today.

1. BMPRO goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for major failure and for compensation for any reasonably foreseeable loss or damage. You are entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits under this Warranty are in addition to your other rights and remedies under a law in relation to the goods to which this Warranty relates (the Australian Consumer Law).
2. BMPRO warrants products against defects for a period of two years, commencing from the original date of purchase. Proof of purchase is required before you can make a claim under this warranty.

## HOW TO PROTECT YOUR RIGHTS UNDER THIS WARRANTY:

3. This warranty does not extend to product failures or defects caused by, or associated with, but not limited to; failure to install or maintain correctly, unsuitable physical or operating environment, accident, acts of God, hazard, misuse, unauthorised repair, modification or alteration, natural disaster, corrosive environment, insect or vermin infestation and failure to comply with any additional instructions supplied with the product.
4. BMPRO may seek reimbursement of any costs incurred by BMPRO when a product is found to be in proper working order or damaged as a result of one or more of the warranty exclusions mentioned in point 3 of this statement.
5. To enquire or make a claim under this warranty, please follow these steps:
  - A. Prior to returning a BMPRO product, please email [customerservice@teambmp.com](mailto:customerservice@teambmp.com) to obtain a Return Material Authorisation (RMA) number.
  - B. Package and send the product to:  
**BMPRO Warranty Department**  
**19 Henderson Road**  
**Knoxfield, VIC 3180**Please mark RMA details on the outside of the packaging.
6. BMPRO will not be liable for any costs, charges or expenses incurred in the process of returning a product in order to initiate a warranty claim.

# LIMITED WARRANTY TERMS AND CONDITIONS (USA)

Registering your BMPRO product is an important step to ensure that you receive all the benefits you are entitled to. Please visit [teambmp.com](https://teambmp.com) to complete the online registration form for your new product today.

## What this Limited Warranty Covers

This warranty covers any defect or malfunction in your BMPRO product. Under this warranty you are entitled to have such goods replaced, repaired or refunded.

## What this Limited Warranty Does Not Cover

This warranty does not extend to product failures or defects caused by, or associated with, but not limited to:

- Failure to install or maintain correctly, unsuitable physical or operating environment, accident, acts of God, hazard, misuse, unauthorized repair, modification or alteration, natural disaster, corrosive environment, insect or vermin infestation and failure to comply with any additional instructions supplied with the product.
- BMPRO may seek reimbursement of any costs incurred when a product is found to be in proper working order or damaged as a result of any of the warranty exclusions listed above.
- BMPRO will not be liable for any costs, charges or expenses incurred in the process of returning a product to initiate a warranty claim.

## How Long the Warranty Lasts

BMPRO warrants products against defects for a period of two years, commencing from the original date of purchase.

## Claims Process

Proof of purchase is required before the product can be deemed to be within the warranty period.

To enquire or make a claim under this warranty, please follow these steps:

A. Prior to returning a BMPRO product, please email [service@teambmp.com](mailto:service@teambmp.com) to obtain a Return Material Authorisation (RMA) number.

B. Package and send the product to:

**BMPRO WARRANTY DEPARTMENT  
UNIT 1 821 E WINDSOR AVE  
ELKHART IN 46514**

Please mark RMA details on the outside of the packaging.

C. Please ensure the package also includes: a copy of the proof of purchase, a detailed description of the fault and your contact details including phone number and return address.

## How State Law Applies

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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**BMPRO**

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.COM**

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