BMPRO

OWNER'S MANUAL

POWERPLUSNODE



TEAMBMPRO.COM

SAFETY PRECAUTIONS

Please read the Safety Precautions before installing or using the PowerPlusNode. 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.

WARNING
Do not drop or vigorously shake the product as this may cause damage. Do not shock the product, its accessories or batteries as this may cause the product or battery to fail, catch fire or explode.
Stay away from magnetic equipment. Radiation may erase the information stored on this product causing it to become inoperative.
Please note that your battery can only reach top performance level only after it has been fully charged and discharged two or three times.
Keep this product and your battery dry and do not expose it to water or water vapour. Do not use this product in areas where it can fall into water, such as, for example, near a pool, pond or bath. Do not operate this product or your battery with wet hands. Contact with water will cause the product or your battery to short-circuit or corrode and may result in electric shock.
Do not use this product in environments that are excessively hot, cold, dusty or humid or where it will be exposed to magnetic fields or long periods of sunshine. Such exposure may cause the product or your battery to fail, catch fire or explode.
Product specifications are subject to change and improve without notice.

BMPRO
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Proudly designed in Melbourne by BMPRO, one of Australia's leading power solution experts. Our range represents high-quality products 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 POWERPLUSNODE

The PowerPlusNode is a smart communication centre that operates with the PowerPlus system through CAN and Bluetooth networks.

When the PowerPlusNode is connected to a PowerPlus power management system via a battery monitor or the PowerPlus app, you can access a wealth of information about your caravan's battery and power consumption including:

- Full visibility and control of the caravan's battery system including battery status, power consumption and available charge sources.
- Monitoring of clean and dirty water tanks and caravan temperature.
- Control of caravan features, including lights, slide-out and water pumps from a PowerPlus battery monitor, PowerPlus mobile app or RVSwitches.

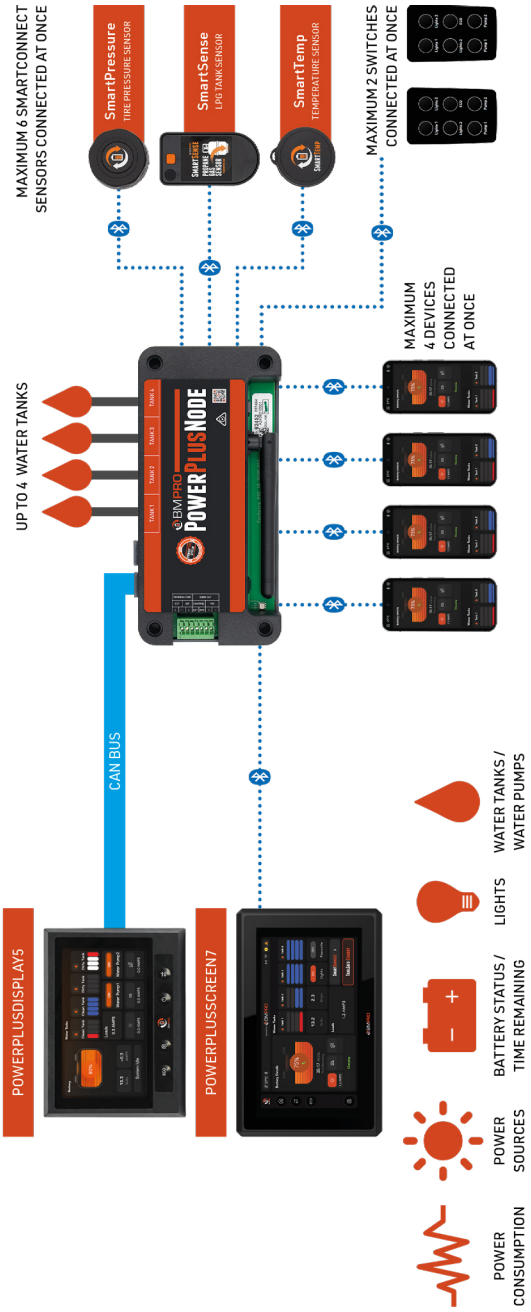
SMARTCONNECT

The PowerPlusNode is SmartConnect ready!

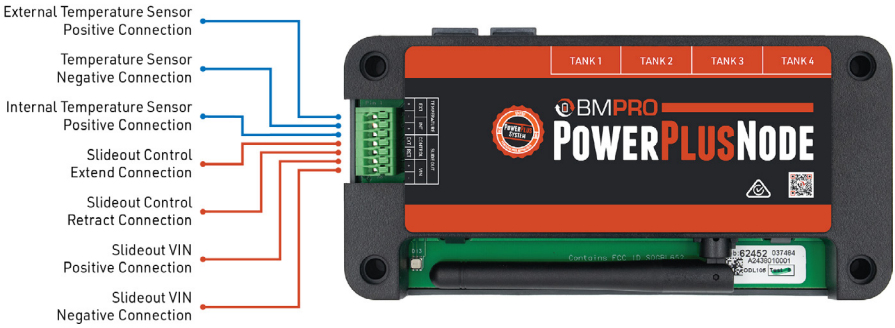
With SmartConnect, you can remotely monitor various aspects of your caravan, such as tyre pressure, gas bottle levels and caravan temperatures through the PowerPlusScreen7 or the PowerPlus app by using a range of Bluetooth sensors connected to the PowerPlusNode.

For more details, refer to **teambmpro.com/products/smartconnect**

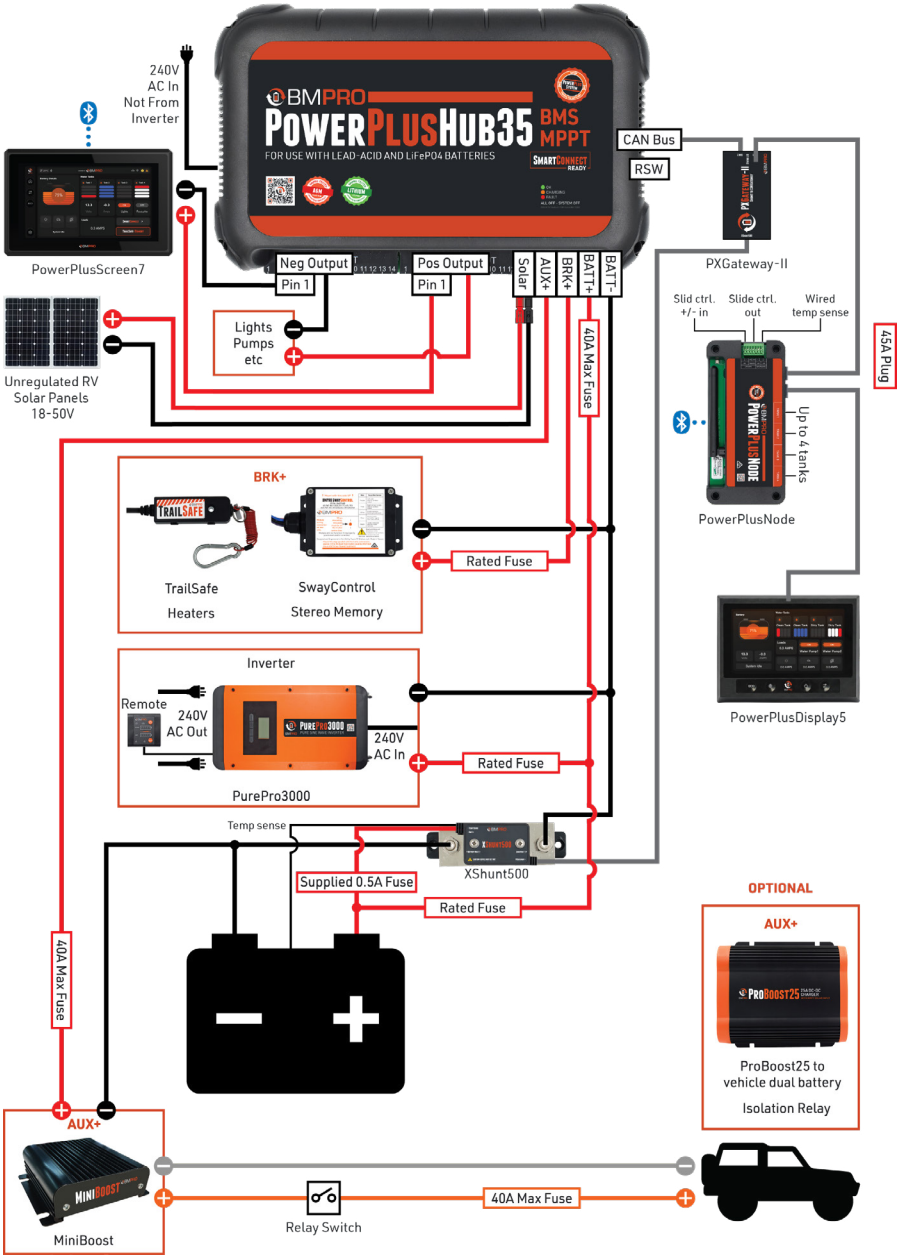
POWERPLUSNODE DIAGRAM



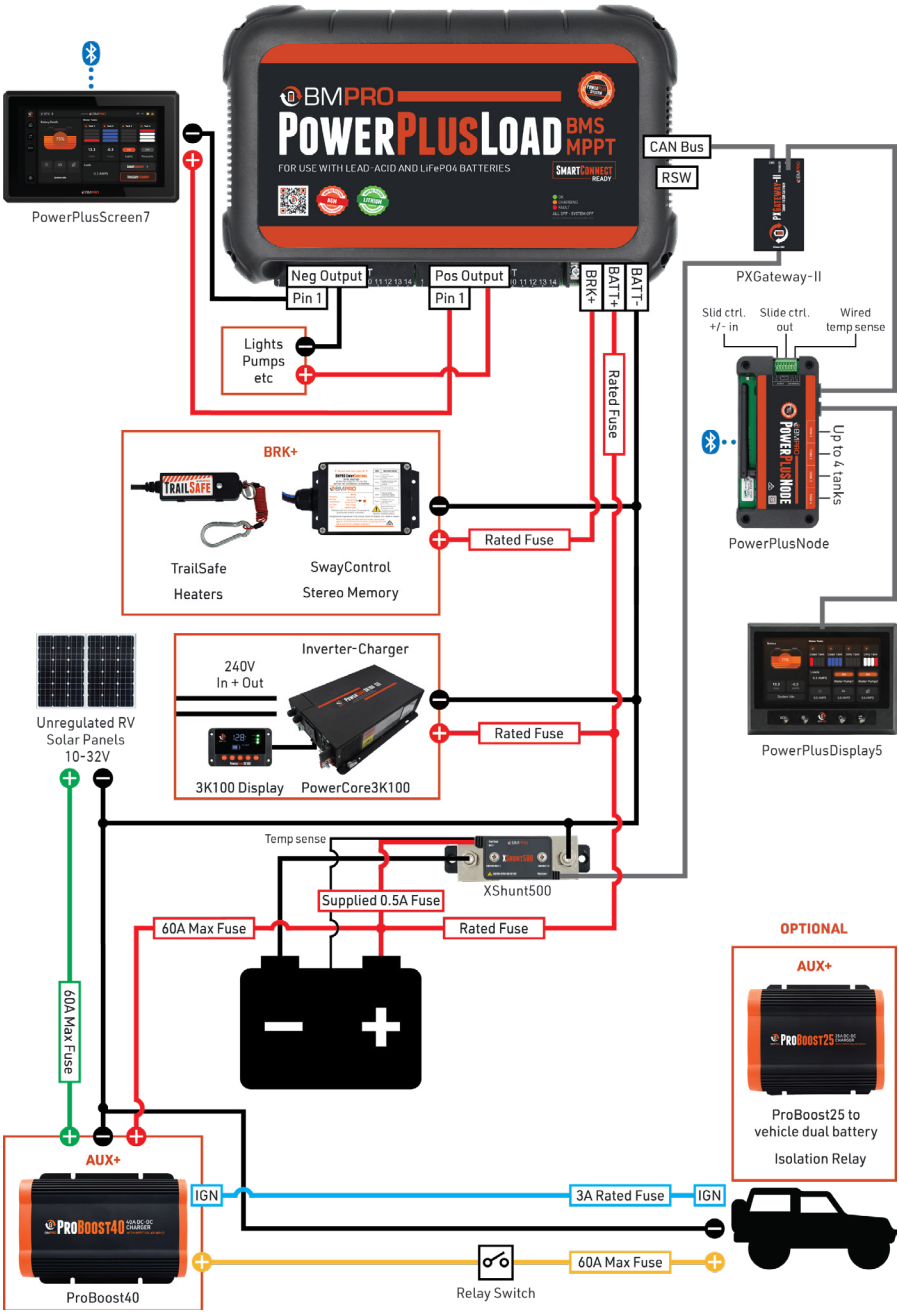
POWERPLUSNODE CONNECTIONS



POWERPLUS SYSTEM DIAGRAM WITH POWERPLUSHUB35



POWERPLUS SYSTEM DIAGRAM WITH POWERPLUSLOAD



DESCRIPTION OF PARTS



1. **Pairing Button**
   A short press of the pairing button is used to enable Bluetooth pairing between the PowerPlusNode and the PowerPlusScreen7 or the PowerPlus app.

   A long 20-second press of the pairing button is used to reset the pairing connection of all devices paired to the PowerPlusNode.

2. **LED Status Indicator**
   Indicates the operational/pairing status of the PowerPlusNode.

   The LED will blink green if the PowerPlusNode is ready to pair to the PowerPlusScreen7 or the PowerPlus app.

   The LED will display a solid red if the pairing connection of all devices paired to the PowerPlusNode is reset.

3. **Serial Number**
   Required when pairing the PowerPlusNode to the PowerPlusScreen7 or the PowerPlus app.

4. **CAN Connection Ports (x2)**
   Used to connect CAN cables to the PowerPlusNode.

PAIRING THE POWERPLUSNODE

The PowerPlusNode can be paired with either the PowerPlusScreen7 or the PowerPlus mobile app.

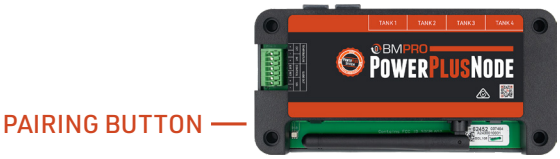
Before you begin, ensure the PowerPlusNode is connected to the PowerPlusHub35 or PowerPlusLoad and is powered on.

If you are pairing with the PowerPlusScreen7, ensure the PowerPlusScreen7 is powered from output 1 on the PowerPlusHub35 or PowerPlusLoad distribution.

1. Press the pairing button on the PowerPlusNode.

   The LED Status Indicator on the PowerPlusNode will flash green, showing the PowerPlusNode is in pairing mode.

   You will have 30 seconds to pair the PowerPlusNode to the PowerPlusScreen7 or the PowerPlus app.



2. Open the PowerPlus app on your mobile.

   If you are pairing to the PowerPlusScreen7, go to the Settings menu and tap **Manage BLE Devices**.
3. If prompted, allow the app to access the device's location.
4. At the Connection prompt, press **Scan**.

   The PowerPlus app will search for nearby PowerPlusNode devices.
5. When the PowerPlusNode appears, select it to complete pairing.

If pairing is successful, the pairing status icon will change to show the PowerPlusNode and PowerPlusScreen7 or your smartphone are connected.

TROUBLESHOOTING

If after pairing, the Pairing Status icon in the PowerPlus app shows the PowerPlusNode is not connected, check the following:

- Ensure Bluetooth on your smartphone is turned on.
- Ensure no more than four Bluetooth devices are connected to the PowerPlusNode.
- Ensure the switch on the PowerPlusHub35 or PowerPlusLoad Remote Switch input is not activated.
- Ensure the PowerPlusHub35 or PowerPlusLoad is not in Storage Mode, as this will turn power to the PowerPlusNode off, meaning the PowerPlusNode cannot talk to your smartphone.

If the PowerPlusHub35 or PowerPlusLoad is in Storage Mode, the operational LED status indicator will emit a single yellow flash. Connect the PowerPlus system to a power source to begin battery charging. When the battery is sufficiently charged, communication between the PowerPlusNode and your smartphone will be automatically re-established.

If you still have connection issues, clear all existing Bluetooth pairings and reset the PowerPlusNode:

1. Press and hold the pairing button on the PowerPlusNode for 20 seconds or until the LED displays red.
2. Release the button.
3. Allow up to 60 seconds for the PowerPlusNode to re-initialise.
4. Once complete, begin the pairing process again using the PowerPlus app.

SERVICING

Do not attempt to service the PowerPlusNode yourself, OR dismantle, modify or repair the PowerPlusNode yourself; this will void your warranty. If your PowerPlusNode requires servicing, please consult your BMPRO dealer or visit **teambmpro.com** for assistance.

SPECIFICATIONS

POWERPLUSNODE	
Input Voltage	8-15V DC
Battery Drain	< 21mA
Ambient Temperature	0-50°C
Supplied Cable Length	0.5m, longer cables available for purchase

WARRANTY TERMS AND CONDITIONS

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also 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.

This warranty is provided by BMPRO Pty Ltd (ABN) ("BMPRO") for its products. Warranty benefits are applied along with any rights and remedies required by Australian State and Federal legislation that cannot be excluded. No part of this warranty excludes, restricts or modifies any State or Federal legislation relating to the supply of goods and services which cannot be excluded, restricted or modified.

WARRANTY

BMPRO warrants that the product will be free from any faults in materials and workmanship beginning from the original date of purchase under standard application, installation, use and service conditions, subject to the exclusions and limitations detailed below. The warranty period of the product is two years.

If, before the warranty period has ended, a fault occurs with the product and BMPRO finds the product is defective in materials or workmanship, BMPRO at its discretion will subject to further rights accorded by the Australian Consumer Law to either:

- Repair the defective product
- Replace the defective product
- Provide a refund to the purchaser for the price paid at purchase for the defective product.

WARRANTY CLAIMS

Refer to your manual before using the product. Most BMPRO products are designed to be installed by a suitably qualified installer. The products should be carefully inspected by you or your installer before installation for any visible manufacturing faults. If a product has been installed incorrectly, BMPRO accepts no responsibility on top of our consumer guarantee obligations.

1. If a fault covered by warranty occurs, the purchaser must either contact the dealer where the product was purchased within 7 days, or BMPRO at the contact details listed.
2. All warranty claims must include: (a) proof of purchase of the product; (b) complete details of the alleged fault; (c) any relevant documentation related to the fault (such as photographs or maintenance records); (d) return material authorisation (RMA) number.
3. The product must be made available to BMPRO or its authorised installer for inspection and testing within 14 days of contacting BMPRO or the dealer.
4. The reasonable cost of delivery and installation of any products or components of products that have been repaired or replaced to the place of purchase notified to BMPRO is covered by the warranty provided by BMPRO, along with the reasonable costs of removal and return of any products determined by BMPRO to be defective.
5. If, on return to BMPRO or on investigation by BMRPO, inspection and testing determines there is no fault in the product, the purchaser must pay BMPRO's reasonable costs of testing and investigating the product, as well as transportation and shipping costs.

REGISTER A WARRANTY OR REPAIR WITH BMPRO

To register a warranty or repair with BMPRO:

1. Lodge a support request via teambmpro.com/technical-support or email customerservice@teambmpro.com
2. If agreed with the BMPRO Product Specialist team, register a warranty claim or repair via teambmpro.com/warranty-claim or email customerservice@teambmpro.com to obtain a Return Material Authorisation (RMA) number.
3. Package and send the product to the BMPRO Warranty Department. The BMPRO Product Specialist team will advise you where to send the product. Please mark RMA details on the outside of the packaging.
4. Ensure your package also includes a copy of the proof of purchase, a complete description of the fault and your contact details including phone number and return address.

EXCLUSIONS

This warranty will not be applicable where: (a) the product has been altered, modified or repaired by someone other than BMPRO, an authorised installer or a qualified auto electrician; (b) the product has not been installed properly by either the user or manufacturer; (c) BMPRO cannot establish a fault in the product after inspection and testing; (d) the product has been used for purposes other than that for which it was designed; (e) the fault in the product has occurred due to a failure by the purchaser to ensure proper use and maintenance of the product according to BMPRO's instructions, recommendations and specifications (including maintenance); (f) the product has been subjected to abnormal conditions, such as environmental, temperature, water, fire, humidity, pressure, stress or similar; (g) the fault has been caused by abuse, misuse, neglect or accident; (h) the fault has been caused by a power surge or other kind of fault in the supply of electricity; (i) unauthorised parts or accessories have been used on or in relation to the product; (j) the appearance of the Product has deteriorated; or (k) the fault is a result of common wear & tear.

LIMITATIONS

No express warranties or representations are made by BMPRO other than what is set out in this warranty. The absolute limit of BMPRO's liability under this express warranty is the repair or replacement of the product or part of the product.

CONTACT

BMPRO's contact details for warranty claims are:

Phone: (03) 9763 0962
Email: **customerservice@teambmpro.com**

Warranty Claim and Product Repair Form:
https://teambmpro.com/warranty-claim/

Registering your BMPRO product is an important step to ensure that you receive all the benefits you are entitled to.

Please complete the online registration form at **https://teambmpro.com/product-registration/** for your new product today.

POWERING YOUR ADVENTURES

BMPRO
customerservice@teambmpro.com
teambmpro.com