BMPRO

POWERPLUS SYSTEM

SMART RV POWER. BUILT AROUND YOU.

The next generation of smart power management for caravans.

35A → 180A

SCALABLE SYSTEMS



MAXIMISE SOLAR INPUT

Up to 50V solar input. Compatible with modern 12V & 24V solar panels.

LATEST TOUCHSCREEN TECHNOLOGY

Control via the 7” touchscreen, 5” colour display or the PowerPlus app.

INTEGRATED SAFETY FEATURES

TrailSafe and SwayControl alerts built into the user interface.

SCALABLE TO YOUR NEEDS

Configurable from 30A to 180A to suit compact vans through to luxury off-grid builds.

SERIOUS OFF-GRID POWER

Supports up to 2000Ah battery capacity and 3000W inverter systems.

ENGINEERED FOR MORE.

SMARTER. SAFER. MORE CAPABLE RV POWER.

SMARTER CONTROL
Manage power, tanks, lights, slide-outs and more from one connected system.

MORE FLEXIBILITY
Customisable 15A outputs and renamable switches.

STREAMLINED INSTALLATION
Pre-wired board configurations reduce time, wiring complexity and errors.

AUSTRALIAN DESIGNED & SUPPORTED
Designed, tested and supported by BMPRO in Australia.

POWERED FOR MORE

- Battery capacity support up to 2000Ah
- Solar input up to 50V with PowerPlusHub35
- TrailSafe and SwayControl integration
- New 7-inch touchscreen
- New 5-inch colour display
- Extra controllable 10A and 15A outputs
- Renamable switches
- ECO mode
- Improved sensor pairing

35A → 180A



POWERPLUS35D

PART NO. **041674**

PowerPlus power management system with PowerPlusHub35, PowerPlusNode, MiniBoost and PowerPlusDisplay5.



- PowerPlusHub35 smart power management
- PowerPlusDisplay5 interface
- PowerPlusNode communication centre
- MiniBoost DC-DC charger
- Up to 50V solar input
- Pre-wired board
- Pre-fused
- 600mm x 360mm



POWERPLUS35S

PART NO. **041675**

PowerPlus power management system with PowerPlusHub35, PowerPlusNode, MiniBoost and PowerPlusScreen7.



- PowerPlusHub35 smart power management
- PowerPlusScreen7 touch-screen control
- PowerPlusNode communication centre
- MiniBoost DC-DC charger
- Up to 50V solar input
- Pre-wired board
- Pre-fused
- 600mm x 360mm



POWERPLUS120

PART NO. **041692**

120A PowerPlus PanelHub with PowerPlusLoad, PowerPlusNode, PowerCore2K80 and PowerPlusScreen7.



- PowerPlusLoad smart power management
- PowerPlusScreen7 touch-screen control
- PowerPlusNode communication centre
- PowerCore2K80 inverter-charger
- Up to 32V solar input
- Pre-wired board
- Pre-fused
- 600mm x 900mm



POWERPLUS140

PART NO. **041694**

140A PowerPlus PanelHub with PowerPlusLoad, PowerPlusNode, PowerCore3K100, ProBoost40 and PowerPlusScreen7.



- PowerPlusLoad smart power management
- PowerPlusScreen7 touch-screen control
- PowerPlusNode communication centre
- PowerCore3K100 inverter-charger
- ProBoost40 DC-DC charger
- Up to 32V solar input
- Pre-wired board
- Pre-fused
- 600mm x 900mm



POWERPLUS180

PART NO. **041696**

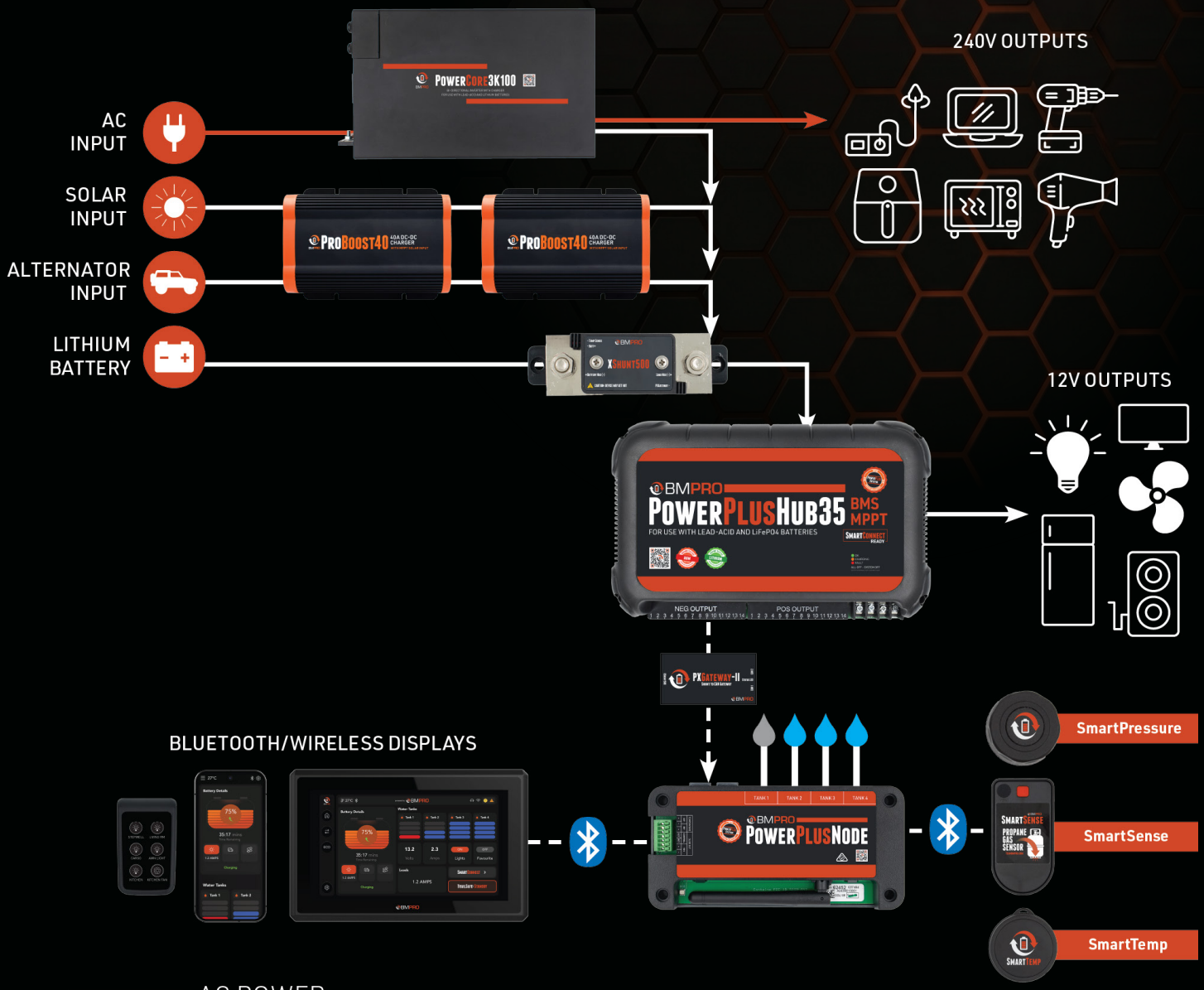
180A PowerPlus PanelHub with PowerPlusLoad, PowerPlusNode, PowerCore3K100, 2x ProBoost40 and PowerPlusScreen7.



- PowerPlusLoad smart power management
- PowerPlusScreen7 touch-screen control
- PowerPlusNode communication centre
- PowerCore3K100 inverter-charger
- 2x ProBoost40 DC-DC charger
- Up to 32V solar input
- Pre-wired board
- Pre-fused
- 600mm x 900mm



POWERPLUS180 DIAGRAM



POWERPLUS ACCESSORIES

POWER COMPONENTS



PowerPlusHub35

- High amp power management system
- Mains, AUX and solar charging
- Compatible with lead-acid and LiFeO4



PowerPlusLoad

- High amp power management system
- Compatible with lead-acid and LiFeO4



ProBoost40

- Dual-input MPPT solar/AUX (alternator)
- IP56 rating- dust, water resistant
- Suitable for underbonnet installs



PowerCore2K80

- Pure 240V sine wave inverter
- 2000W inverter
- 80A AC charger
- LCD screen + remote control



PowerCore3K100

- Pure 240V sine wave inverter
- 3000W inverter
- 100A AC charger
- LCD screen + remote control

COMMUNICATIONS & SCREENS



PowerPlusNode

- Communication Centre
- Bluetooth and CAN connections
- Water tank connections



PowerPlusScreen7

- Bluetooth and WIFI technology
- Monitor battery and power usage
- Control lights, water pumps & more



PowerPlusDisplay5

- Battery state of charge
- Monitor power usage
- Control water pumps
- Monitor up to 4 water tank levels



RVSwitch

- Bluetooth technology
- Control lights, fans and more
- 4 or 6 button options available



PXShunt500

- 500A wired shunt
- Easy to read LED status indicators

SMARTCONNECT RANGE



SmartTemp

- Temperature sensors
- Measures internal temperatures
- Bluetooth connection



SmartSense

- Gas bottle sensors
- Easy DIY install
- Bluetooth connection



SmartPressure

- Tyre pressure sensors
- Tyre pressure & internal temp
- Bluetooth connection

ACCESSORIES



Dipper 2.5m

- Digital water level indicator
- Fresh and grey water compatible
- 2.5m cable



Dipper 5m

- Digital water level indicator
- Fresh and grey water compatible
- 5m cable



Dipper 7.5m

- Digital water level indicator
- Fresh and grey water compatible
- 7.5m cable

POWERPLUS SPARE PARTS



PP-H35 Power Supply RETAIL
Power management system

PART NO. **041676**



PP-S7 w/PP-N Monitoring Pack
7-inch touchscreen monitor with Bluetooth node

PART NO. **041677**



PP-D5 w/PP-N Monitoring Pack
5-inch display with Bluetooth node

PART NO. **041678**



PP-L35 Distribution RETAIL
Power management system

PART NO. **041679**



PP-S7 Display Pack
7-inch touchscreen monitor

PART NO. **041671**



PP-D5 Display Pack
5-inch display

PART NO. **041672**

SYSTEMS REFERENCE

KITS - PARTS ONLY (NO PANELHUB)

PART NUMBER	KIT - PARTS ONLY
041697	35A MiniBoost System with S7
041698	35A MiniBoost System with D5
041699	PowerPlus120A2KW with S7
041700	PowerPlus140A3KW with S7
041701	PowerPlus180A3KW with S7

COMPLETE PANELHUB SETUPS

PART NUMBER	COMPLETE PANELHUB SETUP	PAGE NUMBER
041674	PowerPlus power management system with PowerPlusHub35, PowerPlusNode, MiniBoost and PowerPlusDisplay5	3
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041692	120A PowerPlus PanelHub with PowerPlusLoad, PowerPlusNode, PowerCore2K80 and PowerPlusScreen7	5
041694	140A PowerPlus PanelHub with PowerPlusLoad, PowerPlusNode, PowerCore3K100, ProBoost40 and PowerPlusScreen7	6
041696	180A PowerPlus PanelHub with PowerPlusLoad, PowerPlusNode, PowerCore3K100, 2x ProBoost40 and PowerPlusScreen7	7

ACCESSORIES AND SPARE PARTS REFERENCE

POWERPLUS ACCESSORIES

PART NUMBER	ACCESSORY
039992	PXShunt500 500A Wired Shunt Recommended for OEM Installation
031108	Dipper + 2.5 Mtr Cable in Blister Pack
031109	Dipper + 5 Mtr Cable in Blister Pack
031110	Dipper + 7.5 Mtr Cable in Blister Pack
034846	SmartSense - Retail Clam Shells
034847	SmartSense Premium - Retail Clam Shells
034848	SmartTemp - Retail Clam Shells
034849	SmartPressure - Retail Clam Shells
038620	Wall Switch Oydssey 4
038619	Wall Switch Oydssey 6
039993	Inverter PSW PurePRO 2000W with Remote Screen
039994	Inverter PSW PurePRO 3000W with Remote Screen
039417	ProBoost40

POWERPLUS SPARE PARTS

PART NUMBER	SPARE PART
041676	PP-H35 Power Supply RETAIL
041677	PP-S7 w/PP-N Monitoring Pack
041678	PP-D5 w/PP-N Monitoring Pack
041679	PP-L35 Distribution RETAIL
041671	PP-S7 Display Pack
041672	PP-D5 Display Pack