J35A OVERVIEW

BMPRO's J35A is a battery management system designed for use in Jayco caravans.

The J35A operates from 240V AC mains power supply and towing vehicle auxiliary to simultaneously power caravan loads and charge the caravan battery.

The J35A employs an intelligent charging algorithm, ensuring optimal battery health.

The J35 is available in a range of models to suit any RV and battery management need.

KEY FEATURES

- 20A output current
- 15A multistage battery charging
- Distribution board with five 10A DC outputs and two 15A DC outputs
- In-built battery management system
- Electronic auto-recoverable fuses
- Support for BMPRO accessories
- Auxiliary DC input
- Automatic low voltage disconnect
- Acts as power supply if no battery connected
- BMPRO signature durability & ease of use
- 2 year warranty

OPTIONAL ADD-ONS

To get the most of your J35A it may 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.

JControl Battery Monitor
To monitor battery parameters and charge sources.

JHub + ControlNode
To monitor battery usage and caravan features (tanks and temperature) and control caravan loads from an in-built monitor.

MiniBoost and MiniBoostPRO
DC-to-DC charge-booster for RV applications.

J35A SPECIFICATIONS	
Battery Chemistry	Lead-acid
Input Voltage Range	240VAC ± 10% (nominal), 50-60Hz
Input Surge	<40A (cold start)
Output Current	20A (Load + Battery Current)
Factory Set Voltage	13.65V ± 0.1V (Float Voltage)
Output Ripple Voltage	<150mV
Overvoltage Protection	<18V
Overcurrent Protection	20-25A (Load + Battery Current)
Battery Current Limit	15A
Low Voltage Disconnect	10.5V ± 0.2V
Battery Drain	<8mA (when in Storage Mode)
AC/DC Efficiency	>83%
Cooling Fan	Thermally Controlled
Ambient Temperature	0-50°C
Communication	CAN Bus
Dimensions	307mm x 206mm x 68mm
Weight	2kg

QR CODES

Manual | Install Guide | Product Page | FAQs | YouTube

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