

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, towing vehicle auxiliary and solar panels 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 \pm 10% (nominal), 50-60Hz |
| Input Surge | <40A (cold start) |
| Output Current | 20A (Load + Battery Current) |
| Factory Set Voltage | 13.65V \pm 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 \pm 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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