

J35D OVERVIEW

BMPRO's J35D is a battery management system designed for use in Jayco caravans.

The J35D operates from 240V AC mains power supply, towing vehicle auxiliary and solar panels to simultaneously power caravan loads and charge the caravan battery.

The J35D 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

- 35A output current
- 30A multistage battery charging
- Lithium LiFePO4 compatibility
- 27A solar input
- Distribution board with one 5A output, ten 10A DC outputs and three 15A DC outputs
- In-built battery management system
- Electronic auto-recoverable fuses
- Support for BMPRO accessories
- Solar and auxiliary blending
- 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 J35D 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.



J35D SPECIFICATIONS

Battery Chemistry	Lead-acid, LiFePO4
Input Voltage Range	240VAC \pm 10% (nominal), 50-60Hz
Input Surge	<40A (cold start)
Output Current	35A (Load + Battery Current)
Factory Set Voltage	13.65V \pm 0.1V (Float Voltage)
Output Ripple Voltage	<150mV
Overvoltage Protection	>18V
Overcurrent Protection	35-38A (Load + Battery Current)
Battery Current Limit	30A
Low Voltage Disconnect	Lead-acid: 10.5V \pm 0.2V LiFePO4: 11.5 \pm 0.2V
Battery Drain	<8mA (when in Storage Mode)
AC/DC Efficiency	>83%
Cooling Fan	Thermally Controlled
Solar Input Current	<27A
Solar Input Voltage	15-25V
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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