

ASPOWER OVERVIEW

BMPRO's ASPower is a battery management system designed for use in recreational vehicles, part of BMPRO's ASPero system.

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

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

The ASPower is used alongside the ASDisplay, which provides you with live and easy to understand information about your battery and water tanks.



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
- Solar and auxiliary blending
- Auxiliary DC input
- Automatic low voltage disconnect
- Acts as power supply if no battery connected
- Connects to ASDisplay to provide live battery and water tank information
- BMPRO signature durability & ease of use
- 2 year warranty

OPTIONAL ADD-ONS

To get the most of your ASPower 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.

Dipper

Water level indicators for water tanks.

ASPOWER SPECIFICATIONS

Battery Chemistry	Lead-acid, LiFePO4
Input Voltage Range	230-240V, 50Hz
Input Surge	<40A (cold start)
Output Current	35A (Load + Battery Current)
Factory Set Voltage	13.65V ± 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 ± 0.2V LiFePO4: 11.5 ± 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

ASPOWER WIRING DIAGRAM

