BMPRO

ASPERO

THE POWER MANAGEMENT SYSTEM FOR YOUR ADVENTURES



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KEY FEATURES

POWER MANAGEMENT SYSTEM

- **Complete Power Management**
- **Input** AC 240V Mains, Solar, AUX
- **Outputs** 14 x 12VDC outputs
- **Automatic Resettable Fuses** (outputs)
- **35A maximum output current**
- **30A maximum charging current**
- **Intergrated Solar Regulator** - 28 Amp suitable for 450W panels
- **Suitable for AGM Deep Cycle Batteries**
- **Suitable for Lithium Batteries** (LiFePO4)
- **Load management**
- **Low Voltage disconnect**
- **Floor or wall mountable**

DISPLAY

- **Sleek slimline design**
- **Displays all important settings**
- **Battery voltage SOC**
- **AGM/Lithium indicators**
- **Power source indicators**
- **Monitors 4 water tanks**
- **Battery charging status**
- **Warning indication for low battery**
- **Pump Control & Indicators**
- **Power on/off**
- **Night mode**
- **Eco Mode preserves battery**

SPECIFICATIONS

Input Voltage Range	240 VAC nominal, ± 10%, 50-60 Hz
Input Surge	< 40 A (cold start)
Output Current	35A Continuous (load + battery current)

Factory Set Voltage	13.65 V ±2% (Float voltage)
Output Ripple Voltage	< 150 mV
Over Voltage Protection	< 18 V
Over Current Protection	35A to 38A (load + battery current)
Battery Current Limit	30A max
Battery Connect	10.8 ± 0.2 V

Low Voltage Disconnect	10.8 ± 0.2 V for lead acid, 12.0 ± 0.2 V for LiFePO4 batteries
Battery Drain after LVD	< 7mA
Efficiency	> 83 %
Cooling Fan	Thermally controlled
Ambient	0°C – 50°C
Communication	CAN bus
Weight	2 kg
Dimensions	282 x 203 x 65
Standards	Safety: IEC60335-2-29, IEC621091, UL458, CSA, C22.2 No.107-1, EMC: CISPR 14, IEC61000-3-2, IEC61000-3-3 Approvals: RCM, UL, cUL

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