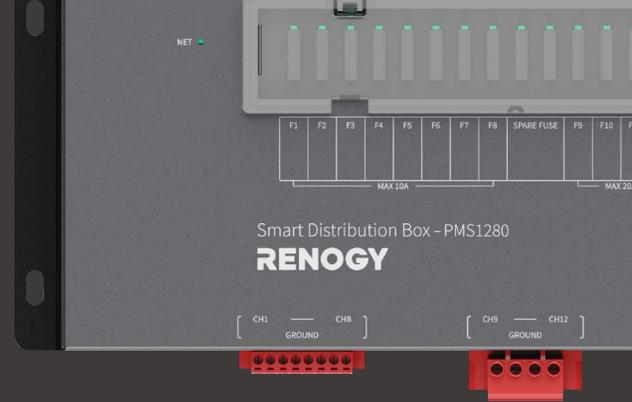




Smart Distribution Box PMS1280



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The Smart Distribution Box is a DC power distribution control device designed for RV and motorhome scenarios. It integrates functions such as multi-channel water tank, temperature sensors, voltage detection, DC loads control and more. It integrates CAN communication and supports Renogy ONE series and Renogy ONE Vision to display and control.

KEY FEATURES

- **Advanced user-programmable functions**
automatic low-voltage cut-outs and high-voltage cut-ins
automatic switching, load shedding, Smart Scene
- **Communicate with Renogy ONE Core and App to remote monitoring, control and Alarms and troubleshooting**
- **Total 80A input current, controls 12 DC loads each with built-in current sensors**
- **Pre-fused outputs with blown fuse indicators**

TECHNICAL SPECIFICATIONS

Model	RSHCB-C02P-G1
System Voltage	12V / 24 VDC
Power Consumption	1.2W @12 VDC (Standby)
Maximum Load Current	80 A
Loads to Switch	8 x 10A Max / 4 x 20A Max
Communication	CAN
Analog Voltage Measurement	0 to 60 V, ± 0.2 V
Current Measurement	$\pm 2\%$
Temperature Measurement	-20 to 80°C, $\pm 3^\circ\text{C}$
Water Tank Sensor	Resistive Sensors or conductive sensors x 4
Dry Contact Signals	Input Signals x 6, Output Signals x 4
Inverter Remote	RJ12 port
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Humidity	0% to 95% RH
Operating Altitudes	Less than 16,404 ft (5000m)
Dimensions	11.89 x 6.18 x 2.25 in (302 x 157 x 57.2 mm)
Weight	4.36 lb (1,980 g)
Certifications	RCM, RoSH
Warranty	5 years