Renogy ONE **M1**

Renogy ONE M1 is the heart of your off-grid system with a sleek, flush-mount touchscreen that looks great anywhere. A 4" HD display lets you monitor every compatible Renogy device in your home from one screen. And with the DC Home app you'll have the same system monitoring wherever you go on your smartphone.

Live off-grid without compromising comfort with Renogy ONE M1. It gives you control of up to 3 devices at a time through the direct connection with panel relays. For instance, you can create an "Evening" mode that automatically turns on lights, or a "Sleep" mode that dims the lights and shuts down the connected appliances.

Renogy ONE M1 delivers peace of mind with enhanced security features for your off-grid home or RV. It is compatible with our Door and Window Sensors, Motion Sensors and sends instant alerts right to your DC Home app if there's a security breach.

Key Feature

All-in-One Smart Panel
Renogy ONE M1 is the nerve center of your off-grid home or RV. The 4-inch touch screen display provides smart energy monitoring and control of all your connected devices and appliances with intuitive visuals and real-time data.

24/7 Energy Monitoring
No longer do you need to track the performance data of your LiFePO4 batteries, charge controllers, and inverters on multiple monitors. Now, Renogy ONE M1 delivers all the performance data from connected devices directly to your smart panel through Bluetooth, RS485, or RV-C communication cables. DC Hoapp gives you all these capabilities wherever you go right on your smartphone.

Connected Living
Directly connect a maximum of 3 DC appliances to the panel relays of Renogy ONE M1. The system gives you the flexibility to switch on/off connected appliances in multiple ways including physical switches or the DC Home app.

Monitoring Anywhere, Anytime
Wi-Fi connectivity uploads energy data while you're off grid so you can monitor your system in real time, wherever you are, with the DC Home app.

Product Specification

Model	RMS-LP4-G2
Power Supply	**Rated Power 3.5 W** Power Port: 8 VDC to 16 VDC Type-C Port: 5 VDC
Power Consumption	< 2.5W (standby)
Ports	USB Type-C (5 VDC) RJ45 (CAN & RS485) 2-pin 3.81 mm pluggable terminal block (12 VDC)

Wireless Communication	Wi-Fi (IEEE 802.11b/g/n 2.4 GHz) Bluetooth 2.1/4.2 and Bluetooth LE Zigbee (IEEE 802.15.4)
Protocols	RV-C/Modbus/Zigbee 3.0
Touch Screen	4 inches (480 x 480p) White backlight with adjustable brightness
Load	≤30 VDC, 5 A Max/Channel
Operating Temperature	-4 ℉ -122 ℉ / -20 ℃ - 50 ℃
Operating Humidity	0% to 95% RH
Operating Altitude	Less than 2000m above sea level
Installation	Flush mounting
Dimensions	7.16 x 3.42 x 1.66 in (181.8 x 86.8 x 42.2 mm)
Certifications	CE, FCC

Compatible Accessories

12V power cable(5m) *1