RENOGY
Find Your Energy Freedom™

RENOGY ONE CORE

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Renogy ONE Core provides a comprehensive solution for energy monitoring and analysis, enabling users to monitor and analyze energy data at any time. Thanks to the ONE Connect 2.0 technology, Renogy ONE Core allows energy monitoring both locally through the in-built screen and remotely via Renogy ONE Portal and DC Home app. Additionally, the ONE Core can function as a smart home hub, seamlessly connecting with other smart home appliances.

KEY FEATURE

- **24/7 Energy Analysis:** Monitor and analyze energy data anytime.

- **WorldWide Monitoring:** Remote energy monitoring anywhere through ONE Connect 2.0

- **Smart Home Integration:** Function as a central hub for your smart home, seamlessly connecting and controlling all your smart home appliances.

- **Easy Installation:** Simple setup process that ensures the device is perfectly level, eliminating the need for repeated adjustments.

- **Over-the-Air (OTA) Updates:** Stay up to date with the latest features and improvements through continuous over-the-air updates.

TECHNICAL SPECIFICATION

Product Name	Renogy ONE Core
Model Name	RSHGWSN-W02W-G3
Operating Voltage	Power Port: 8V to 35V DC (Typical 12V) USB Type-C: 5 VDC
Power Consumption at 12 V	Operating, Wi-Fi On, 100% illumination: 3.2 W Operating, Wi-Fi On, 50% illumination: 2.4 W Operating, Wi-Fi On, 0% illumination: 1.9 W Screen off, Wi-Fi Off, logs still active: 1.5 W
Power Consumption at 5 V	Operating, Wi-Fi On, 100% illumination: 2.9 W Operating, Wi-Fi On, 50% illumination: 2.3 W Operating, Wi-Fi On, 0% illumination: 1.7 W Screen off, Wi-Fi Off, logs still active: 1.3 W
Communication	Wi-Fi (IEEE 802.11a/b/g/n 2.4 GHz & 5 GHz) Bluetooth LE and Bluetooth Mesh Zigbee 3.0 (IEEE 802.15.4) RS-485 & CAN
Touch Screen	4 in (480 x 480p)
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Operating Humidity	0% to 95% RH
Operating Altitude	Less than 16,404 ft (5000m)
Installation	Flush mount
Dimensions	4.17 x 4.17 x 1.05 in (106 x 106 x 26.6 mm)
Weight	0.28 lb (128g)
Certifications	FCC, CE, TSCA, IC ID, RCM, TELEC and RoHS
Warranty	2 years