

# Dual Input TRMS AC Voltage/Current Datalogger Model R5003



## TECHNICAL DATA





#### Features

- Datalog up to 256,000 AC voltage and current measurements
- Dual input measures 2 voltage/current measurements or 1 of each
- LCD simultaneously displays time/date, current readings and Max/Min readings
- User adjustable sample rate from 1 sec to 24 hrs
- High and low alarms
- Download measurements via USB interface and analyze results with included software
- Magnetic back allows instrument and sensors to be secured firmly in a variety of locations
- Low battery indicator and auto shut off
- Includes two AC current clamp sensors, two voltage sensors, four large alligator clips, four basic test probes, USB cable, software, AC adapter and batteries

### **Specifications**

AC Voltage Range: Accuracy: Resolution:

### AC Current

Range: Accuracy: Resolution:

**General Specifications** Channels:

Display: Min/Max: Datalogging Capabilities: Real-Time Clock and Date Stamp: Selectable Sampling Rate: Max Datapoints: Auto Shut-off: Low Battery Indicator: Clamp Jaw Opening: Power Supply:

Battery Life: PC Connectivity: Software: Software OS Compatibility: Overvoltage Category: Product Certifications: Operating Temperature: Storage Temperature: Operating Humidity Range: Dimensions: 10 to 600V ±(2.0% rdg + 1V) 0.1V

10 to 200A ±(2.0% rdg + 1A) 0.1A

Dual channel, TRMS AC Voltage or Current Dual LCD Yes Yes

Yes 1 sec to 24 hours 256.000 Yes (after 5 mins of inactivity) Yes 0.5" (12.7mm) 4 AAA Batteries or AC Adapter Sampling Time Dependent **USB** Cable Yes (Included) Windows 7/8/10/11 CAT. III 600V CE O to 122°F (O to 50°C) -4 to 140°F (-20 to 60°C) 10 to 75% 4.5 x 2.5 x 1.3" (114 x 63 x 34mm) 8.7oz (248g)

| Model        | Description                               |
|--------------|---|
| R5003        | TRMS AC Voltage/Current Datalogger        |
| R5003-ADP-NA | Power Adapter, 110v                       |
| FC-105       | Test Probe Set, Banana Style              |
| R1210        | Alligator Clip Set, Large                 |
| R8888        | Hard Carrying Case                        |
| R5003-NIST   | TRMS AC Voltage/Current Datalogger & NIST |
|              |   |

## **REED Instruments** 1-877-849-2127 | info@reedinstruments.com | www.reedinstruments.com

Weight: