

Rechargeable Temperature Data Logger with USB Interface

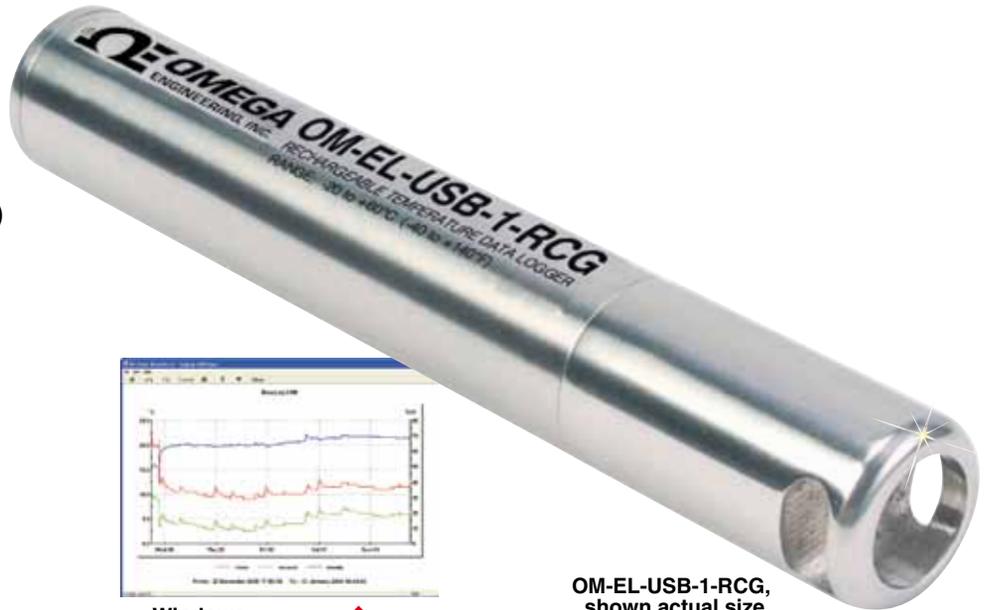
OM-EL-USB-1-RCG



- ✓ -20 to 60°C (-4 to 140°F) Measurement Range
- ✓ 316 SS NEMA 4X (IP67) Rated Case
- ✓ USB Interface for Easy Setup and Data Download
- ✓ Rechargeable Lithium-Ion Battery
- ✓ Status LEDs Behind Protective Plastic Window
- ✓ User-Programmable Alarm Thresholds
- ✓ Immediate or Delayed Start Logging
- ✓ Includes Windows® Control Software

The OM-EL-USB-1-RCG data logger measures and stores up to 32,510 temperature readings over a -20 to 60°C (-4 to 140°F) temperature range. The 316 SS case with polycarbonate window assembly is corrosion, impact and water resistant to NEMA 4X (IP67) standards. The unit is powered by a lithium-ion rechargeable battery which allows logging for up to 1 month.

The user can easily set-up the data logger and download the stored data by plugging the module straight into a PC's USB port and running the easy-to-use Windows software. Software selectable set-up parameters include logging rate (1 sec, 10 sec, 1 min, 5 min, 30 min, 1 hr, 6 hr, 12 hr), start-date/time, and desired temperature units (°C or °F). Data can then be graphed, printed and exported to other applications such as Excel. Correct functioning of the unit is indicated by flashing red and green LEDs.



Windows Software shows data in graphical format

OM-EL-USB-1-RCG, shown actual size.

Specifications

- Temperature Measurement Range:** -20 to 60°C (-4 to 140°F)
- Resolution:** 0.1°C (0.2°F)
- Accuracy:** ±1.0°C (±2.0°F) typical
- Temperature Units:** °C (°F) selectable in software
- Memory:** 32,510 readings
- Logging Interval:** 1 sec, 10 sec, 1 min, 5 min, 30 min, 1 hr, 6 hr, 12 hr (selectable in software)
- Start Date/Time:** Selectable in software
- Alarm Thresholds:** High/low temperature alarm thresholds selectable in software
- Status Indicators (LEDs):** Red and green
- Operating Temperature Range:** -20 to 60°C (-4 to 140°F)
- Charging Temperature Range:** 10 to 30°C (50 to 86°F)

Recharging Time: 5 hours max (the data logger must be connected to an active USB port to recharge the battery)

Battery Life (Rechargeable Lithium-Ion): 1 week min (at -20°C, 1 sec logging interval); 4 weeks max (at 20°C, 1 min logging interval)

Software: Windows 2000/XP/Vista/7 and 8 (32-bit and 64-bit)

Power: Rechargeable lithium-ion battery (280 mAh)

Weight: 40 g (1.4 oz)

Dimensions: 92.7 L x 19.8 mm D (3.65 x 0.78")



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

To Order

Model No.	Description
OM-EL-USB-1-RCG	Rechargeable temperature data logger with USB interface

Comes complete with rechargeable lithium-ion battery, Windows software on CD-ROM and USB cable.

Ordering Example: OM-EL-USB-1-RCG rechargeable temperature data logger with USB interface and OCW-2 OMEGACARESM 2-year extended warranty for OM-EL-USB-1-RCG adds 2-years to standard 1-year warranty.