



HOBO® UX120 Plug Load Logger

Measures power and energy consumption of 120V office equipment plug loads

Onset's HOB0 Plug Load Logger is a high-accuracy, easy-to-deploy data logger that measures and records the power and energy consumption of 120V plug loads from office equipment, vending machines, and other devices.

The logger provides 0.5% measurement accuracy with a measurement resolution of 1 watt, making it an ideal choice for building audits where detailed energy use data is required. The rugged housing is designed to withstand the rigors of real-world handling, providing reliable performance despite bumps, drops, and use under desks.

Supported Measurements: AC Current, AC Voltage, Amps, Kilowatt Hours, Power Factor, Volt-Amps, Volts, Watt Hours, Watts



Key Advantages:

- 0.5% measurement accuracy enables more reliable plug load energy use data
- "Meter Mode" provides instant viewing of real-time plug load variables
- Large memory enables faster logging intervals for more comprehensive plug load profiles
- Battery back-up ensures logged data remains intact in the event of a power outage or load failure
- Full-featured LCD display provides visual diagnostics for easy deployment
- Factory calibrated (see user's manual for details)

Minimum System Requirements:



Software



USB cable*

*USB cable included with software part # BHW-PRO-CD

► For complete information and accessories, please visit: www.onsetcomp.com

Part number	UX120-018
RMS Voltage Accuracy, RMS Current Accuracy, Active Power Accuracy, Power Factor Accuracy	0.5% up to 14 Amp continuous; up to 1.0% over 14 Amp when equipment being monitored is at 100% duty cycle
Power Factor Accuracy	±0.02
Drift	Up to 0.5% typical within 1 year
Memory	4 MB (1.4 million measurements, maximum)
Logging rate	1 second to 18 hours, 12 minutes, 15 seconds
Sampling rate	60 Hz or 16.67 mS single-cycle
Battery life	2 years with line power; 6 months battery only (no line power) with logging rate of 1 minute or greater operating at 25°C (77°F)
Power source	Line-powered with 0.92 m (3 ft) AC power cord or two AAA 1.5 V alkaline batteries, user replaceable
Resolution	1 Watt Load at 120 V AC 15 Amp
Operating temperature range	Logging: 5° to 40°C (41° to 104°F); 0 to 95% RH (non-condensing)
Dimensions	13.97 x 7.62 x 4.75 cm (5.5 x 3 x 1.87 in.)
CE Compliant	Yes

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 8pm ET, Monday through Friday)

- Contact Product Support onsetcomp.com/support/contact
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