



DISCONTINUED: HOBO UX120-017 Pulse Data Logger

Product Images



Short Description

The HOBO UX120 Pulse Logger is a highly versatile, 4-channel energy data logger that combines the functionality of four separate data loggers into one compact unit.

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The HOBO UX120 Pulse Logger is a highly versatile, 4-channel energy data logger that combines the

functionality of four separate data loggers into one compact unit.

It enables energy management professionals – from energy auditors to building commissioners – to easily track building energy consumption, equipment runtimes, and water and gas flow rates.

Highlighted Features

- Simultaneously measures and records pulse signals, events, state changes, and runtimes
- Stores up to over 4 million measurements, enabling longer deployments with fewer site visits
- Maximum pulse rate – 120 Hz
- Pulse input range – 0 to 24VDC
- Streamlines deployment via a range of start/stop options, logger status LEDs, and high-speed USB 2.0 data offload
- Works with Onset's Energy & Power Meter to measure Power Factor (PF), Reactive Power (VAR), Watt Hours (Wh) and more.
The T-VER-E50B2 Energy and Power Meter outputs (3) sets of pulses which are logged by the UX120-017. These pulses represent Watt-hours, Amp-hours, and VAR-hours. HOBOWare software uses these pulse values to calculate AC Current, AC Voltage, kW, Power Factor, VARs, and VA. The formulas used in these calculations can be found here: [14993-A-Derived-Channels.zip](#)
- Compatible with HOBOWare and HOBOWare Pro software for logger setup, graphing and analysis

The HOBO UX120 Pulse Logger is available in a standard memory model (UX120-017) capable of 500,000 measurements and an expanded memory version ([UX120-017M](#)) capable of over 4,000,000 measurements.

NOTE: HOBO loggers require a USB cable and [HOBOWare software](#) (free download).

Additional Information

Country of Manufacture	United States
Promotion	This product has been superseded by the UX90-001
Brand	Onset HOBO
Channel(s)	4
Onset Product Series	UX120
Typical applications	Energy, Environmental (Indoor), Runtime
Measurements	Amp Hour (Ah), Amps (A), Current AC, Event, Flow, Kilowatts (kW), kWh, Motor On/Off, Power Factor (PF), Pulse, Runtime, State, Volt-Amp Reactive, Volt-Amp Reactive hour, Volt-Amps (VA), Voltage AC, Volts (V), Watt Hours (Wh), Watts (W)

Additional Options

HOBOWare Pro Software Options	HOBOWare Pro on USB Drive (USB cable included)
	HOBOWare Pro on CD (USB Cable Included)
	HOBOWare Pro - Download Only (USB cable NOT included)
USB Cable (included with HOBOWare Pro on USB Drive & CD)	HOBO U-Series to PC USB Cable