Neurio Meter: W2HEM

The Neurio W2 Home Energy Monitor is an energy consumption and generation meter that combines hardware intelligence, accuracy, and installation ease. Included are Smart Current Transformers (CTs) that are factory calibrated and encoded to enable the meter to automatically configure to the installed CT's to make installations easier and faster
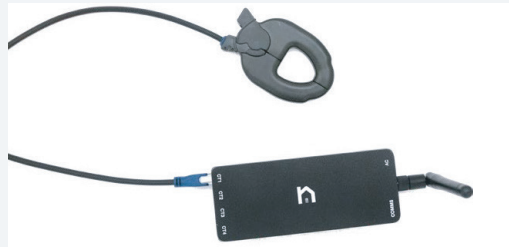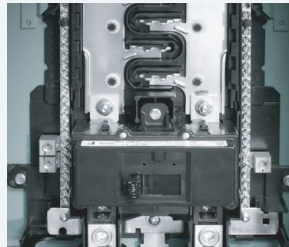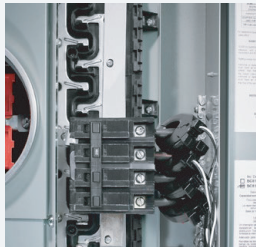
What's in the box

✔ 1x Meter   ✔ 2x Smart Universal CT   ✔ 1x Installation Kit/Manual

Compatibility

The W2 energy meter is compatible with most North American, European and Australian residential electrical panels. Universal Current Transformers allow for seamless installation across all panel configurations.

Additional Features

✔ Revenue Grade Metering accuracy (ANSI C12.20 0.5%)

✔ Four CT ports for added flexibility

*Specifications subject to change without notice.

Specifications

Meter

Accuracy	±0.5% of reading from 2A-264A
Resolutions	1W Power, 1Wh Energy
Power Consumption	<5W
Measurements	Real Power, Reactive Power, Energy Imported/Exported, RMS Current, RMS Voltage, Line Frequency
Radio Standard	Wi-Fi, 802.11b/g/n
Radio Operating Frequency	2.4 GHz
Radio Transmit Power	+17.5dBm
Receive Sensitivity	+97dBm
Wired Connectivity	1x RS-485

Bandwidth	< 1GB (monthly)
Current Compatability	120/208/240V 50/60 Hz 1/2/3 Phase (Wye only)
Power Source	120/208/240V, hardwired
Meter Dimensions	(L,W,H) 4.9" x 1.9" x 1.0"
Operating Temperature	-20°C to 70°C
Certifications	UL/CSA 61010-1, FCC, IC, ETSI, AS/NZS
Meter Weight	0.3 lbs
Warranty	1 year

Current Transformer

Voltage	110-240 VAC
Frequency	50/60Hz
Max Primary Current	264 A
Accuracy	±0.5% of reading from 2A-264A
CT Dimensions (L,W,H)	2.26" x 2.03" x 0.47"

Window Size	0.75"
Wire Length	4'
Built-in Protection Diode	Yes
Warranty	1 Year
Operating Temperature	-20°C to 70°C

*Specifications subject to change without notice.