



Features

Seamless communication and control of inverter and storage

Bill 21 compliant

Flexible, easy installation

AC power input

Home Energy Controller

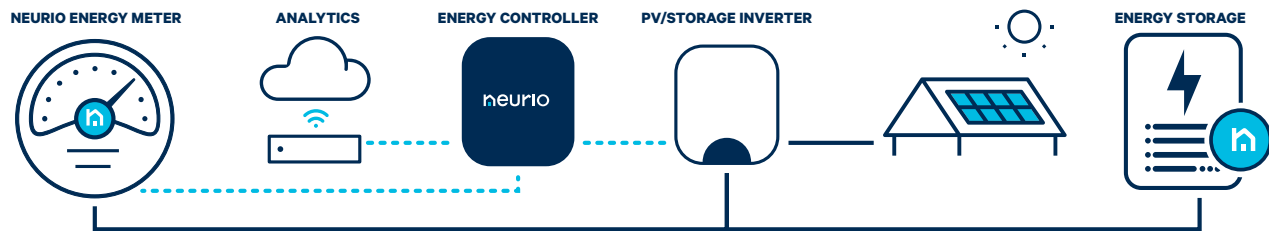
Model: HEC

The Neuroio Home Energy Controller (HEC) is a powerful, flexible solution that allows for communication and control of PV and storage systems, as well as the Neuroio Home Energy Meter (W1). With its certified 2030.5 client, it can make most solar inverters and storage systems Rule 21 compliant in California. The Neuroio HEC is easily installed inside the home or outside with a NEMA enclosure.

What's in the box

- ✓ 1x Home Energy Controller
- ✓ 2x Antenna
- ✓ 1x Power Cord
- ✓ Installation Hardware
- ✓ Installation Guide

How it Works



Compatibility

The Neuroio Home Energy Controller is compatible with most inverters, meters, batteries and other smart home devices.



Specifications

Processor	2x 1GHz Cortex A7 with FPU	Temperature Range	-20°C to 60°C
Memory	1GB DDR3	Power Source	AC input, universal voltage support
Storage	8GB eMMC	Dimensions	3.6" x 1.1" x 4.2"
Software Support	Custom Linux Built with Yocto, Python, AWS GreenGrass	Mounting Options	DIN Rail, Wall Mount
Wired Interfaces	2x RS-485 (2 wire), 2x Ethernet 1Gbps, 1x USBA	Certifications	FCC/IC Radio Certification, UL Safety Certification
WiFi	802.11n, 2.4/5GHz	Warranty	5 years (optional 10 year warranty available)
Cellular (Failover from WiFi)	Global LTE CAT M1/NB1 Bands 2, 3, 4, 5, 8, 12, 13, 20, 28		