

## What is Neurobotz ?

**Neurobotz** is an AI powered Optimizer specifically designed for residential buildings. It constantly monitors the incoming power from the utility company and delivers an optimal, clean and quality power output. It reduces the power used in a home and delivers savings up to 20% with no change in the infrastructure and user comfort.



## How does Neurobotz work ?

**Neurobotz** uses an Embedded Artificial Intelligence algorithm to predict the optimal load curve at the main breaker level and controls the power distribution dynamically. This process protects appliances from spikes & surges & increases the life span of the electrical equipment by operating at an optimal power condition.

**Neurobotz** also mitigates the harmonics generated by electronic devices. Quality and optimal power output puts less stress on the power distribution and reduces power loss.

## Why choose Neurobotz ?

- Savings of up to 20% on your electric bills.
- Protects expensive appliances with improved power quality.
- Whole home surge & spike protection from lightning & utility power.
- Increases the life span of the equipment
- All-in-one Smart metering with remote monitoring puts you in complete control of your electrical usage.
- Neurobotz has additional feature to remotely control the major loads.

### Key Features :

- ✓ Savings up to 20%
- ✓ Improved Power Quality
- ✓ Protection to equipment
- ✓ Whole home surge protection
- ✓ Online Monitoring System
- ✓ Reduce Carbon Emission
- ✓ Storage Compatibility
- ✓ Preventive Alerts
- ✓ Reduce solar ROI by 20%
- ✓ BMS/IOT Compatibility
- ✓ Artificial Intelligence (A.I.) & machine learning(M.L.) algorithm

### Our Expertise

- ✓ PV Design & engineering
- ✓ Permits and Utility Interconnection
- ✓ Off-Grid / Micro Grid systems
- ✓ Commercial/Utility Scale systems
- ✓ Solar Storage Systems
- ✓ Loan Financing & PPA.

### Contact Information

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## Partners & Alliances



Online Monitoring Platform

