

HPS Smart Transformers:

SMARTER ENERGY MANAGEMENT

hammond
POWER SOLUTIONS



Maximize uptime and shift to predictive maintenance with HPS' IIoT enabled power monitor.

Leverage real-time monitoring and advanced analytics to gain unparalleled insights into your transformer and electrical system's health, enabling proactive maintenance that prevents issues before they arise.

Why Choose HPS Smart Transformers?

Predictive Maintenance: Integrate predictive monitoring into your existing maintenance practices by tracking key data points.

Turn-key solution: Meter comes pre-installed and requires only basic connections.

Maximize Uptime: Early issue detection prevents equipment failures and extends asset lifespan.

Remote Monitoring: Access real-time data from anywhere and set alarms for threshold exceedances.

Power Quality Insights: Analyze key power quality metrics to support uninterrupted and efficient operations.

Secure Integration: Operates within your network firewall, reducing cybersecurity risks.



Downtime in U.S. factories costs up to \$5,600 per minute.¹

Protect Your Company From **Costly Disruptions**



Experience up to 10% increase in uptime.²

¹Based on Aberdeen Research (2016) and Gartner Study (2014)
²Based on a report from McKinsey, an IIoT World article and IEEE paper

Features of an HPS Smart Transformer:

Early Detection: Configure early-warning alerts to spot problems before they cause disruptions.

Real-Time Analytics: Monitor your transformer's energy and data from anywhere.

Load & Demand Management: Align load data with demand to reduce waste and boost operational efficiency.

Power Factor Optimization: Analyze power factor data to improve efficiency and avoid utility penalties.

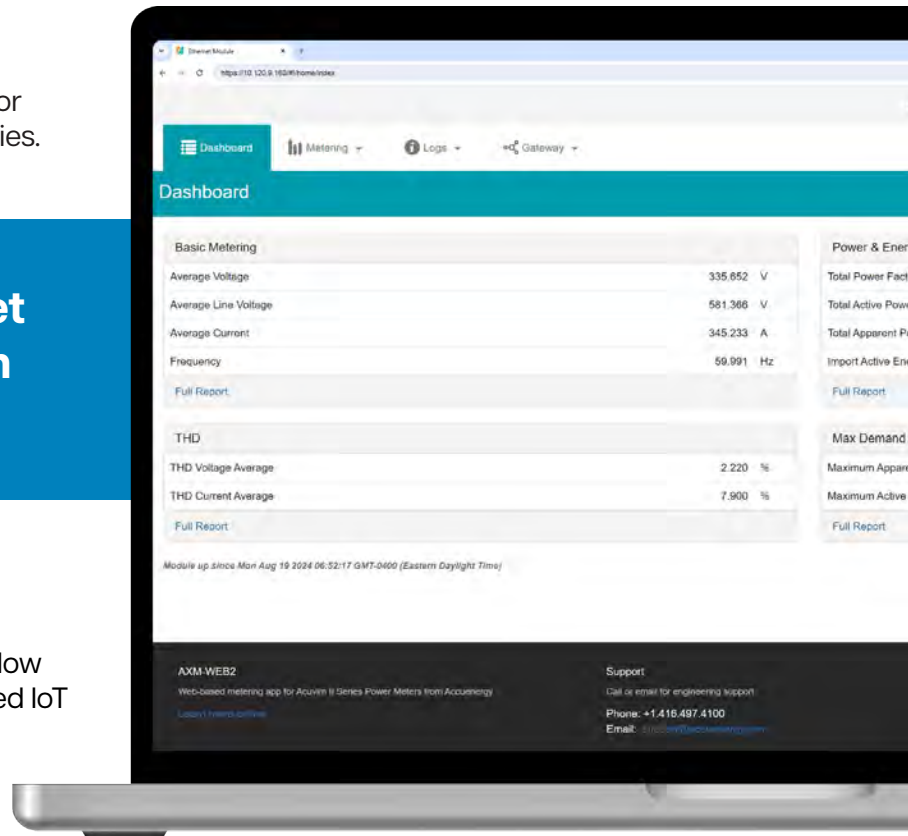
Harmonics Monitoring: Use analytics to prevent system losses and overheating from harmonic distortions.

Phase Management: Prevent downtime and enhance safety with precise phase monitoring.

Unlock the Full Potential of Asset Management with Data-Driven Insights.

HPS Product Offerings:

The HPS Smart Transformer incorporate an HPS low or medium voltage transformer with a pre-installed IoT connected power monitor.



Applications:



Renewable Energy Projects



EV Charging Stations



Facility Management



Data Centers



Industrial and Manufacturing Sites



Energy Management Systems



Automation Systems