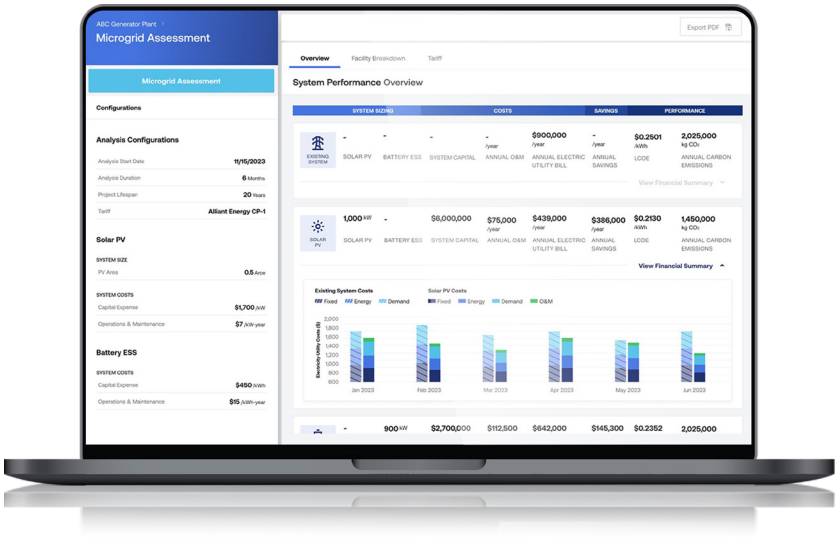
Heila iQ™

Minimize Operational Downtime.
Optimize Portfolio Economics.
Realize Energy Savings.

From direct demand, consumption, and power quality measurements to data-driven recommendations for decision-makers, Heila iQ equips facility managers of individual sites and multi-property portfolios with the tools and insights needed to make the most capital-efficient energy system investments for greater savings, resilience, and sustainability.

Heila iQ collects site-specific electrical measurements that inform the creation of insights and recommendations into monthly energy usage in a clear and concise manner. In addition, the Heila iQ solution analyzes this data to determine the potential technical and economic viability of different combinations of distributed energy resources (DERs) that could be deployed to a particular facility.



How Heila iQ Works

Heila iQ's advanced monitoring and analytics provide robust data on electrical power demand, consumption, power quality, and other operational measurements to deliver actionable insights that help drive savings in operational expenses.

Monthly Reporting

Detailed energy metrics and visualizations of energy data gathered at the individual meter, site, and portfolio levels, including:

- Detailed utility billing analysis
- Time-of-Use (TOU) demand and energy reporting
- Power quality assessments
- Hourly demand and consumption analysis

Each report contains insights and recommendations that can lead to actionable improvements for facility owners such as:

- Operational adjustments to reduce utility billing
- Improvements to potentially mitigate power quality issue(s)
- Operational changes across multiple facilities within a portfolio

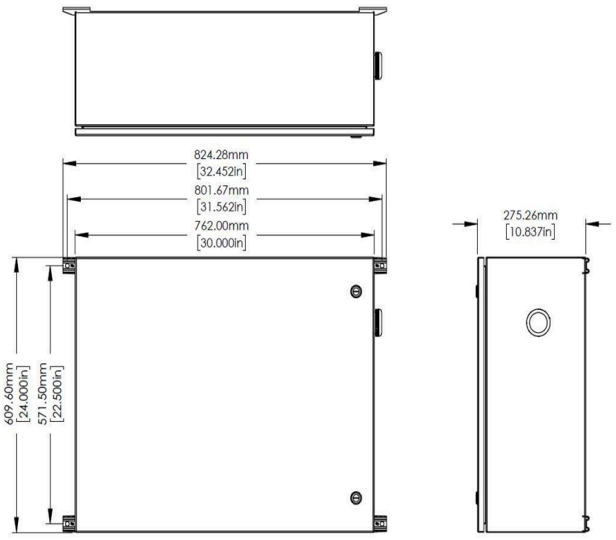
Regular Update Reporting

At regular intervals, Heila iQ delivers a detailed report containing:

- Indicative estimates of operational savings based on the potential deployment of different DER types and sizes
- Comparisons of these proposed system sizes against a facility's current utility billing
- Regular updates — in contrast to a static, one-time report — to account for the effects of changing facility operations, tariffs, or similar measures.

Heila iQ provides insights in a straightforward and easily-accessible manner to facility owners and operators to empower them in making data-driven decisions to improve their facility operations and electrical capital asset planning processes

Cabinet Enclosure



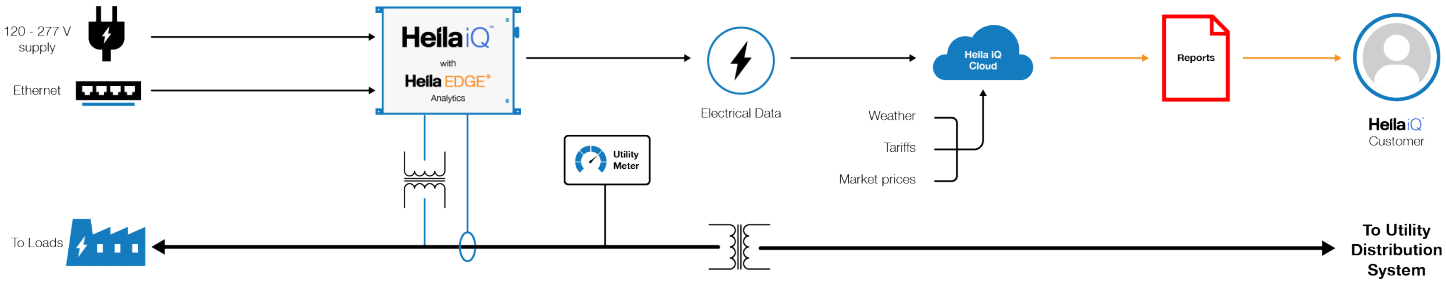
What's inside:

- NEMA rated enclosure
- Heila EDGE device controller
- Revenue-grade power quality meter
- Power supply w/ battery backup
- Ethernet switch for expansion
- Electrical measurement sensors
- Protection devices
- Network communications
- Instrument transformers

Feature	Description
Input Supply Voltage	120 - 277 $V_{AC, L-N}$, single phase*
Max Load	80 - 90 W
Network Communication	Ethernet
Inputs	7 voltage input terminals (2 per phase + neutral) - 120 - 277 $V_{AC, L-N}$* 6 current transformer (CTs) terminals (2 per phase)
Dimensions	24"L x 30"W x 10"H (610 x 762 x 254mm)
Weight	95 lbs
Color	Gray
Material	Steel
Environment Rating	NEMA 4
Ambient Temperature Range	-10 - 50C

* Potential transformers (PTs) may be required if local power distribution system voltages are outside of these specified ranges

Heila iQ Connection Overview



Heila
A KOHLER COMPANY

Optimizing Energy for Opportunity

Contact Us

Heila Technologies Inc.
444 Somerville Avenue
Somerville,MA 02143

www.heilatech.com