



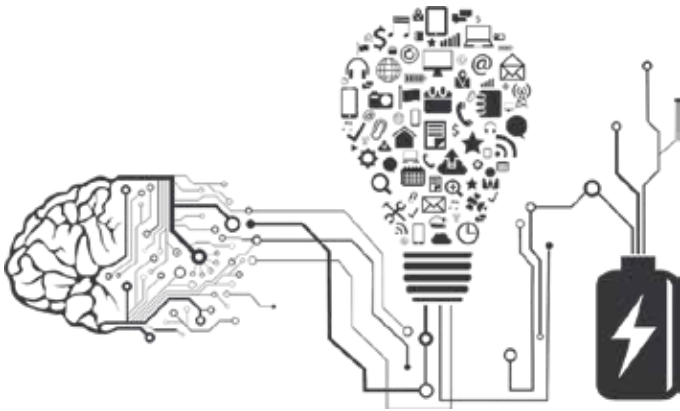
Empowering Utilities with
Customer Sited Energy Storage
and Management Solutions



Reliable, Flexible and Intelligent Distributed Energy Storage

ElectrIQ Power develops intelligent energy management and storage systems that maximize the value of batteries, renewable energy and smart devices.

IQ SYSTEM



- 💡 Residential or light commercial applications
- 💡 Solar self-supply, TOU arbitrage, peak shaving, backup power, zero export, and islanding/microgrid
- 💡 Small footprint and under 2 hours to install
- 💡 Insightful analytics and energy control anywhere in the world with the mobile app and web dashboard
- 💡 Easily integrates with new or existing solar or other generators, or can standalone without onsite generation
- 💡 Integrated IoT platform manages smart devices

ADVANCED ENERGY MANAGEMENT SOFTWARE

Every IQ System includes advanced home energy management software that monitors solar, batteries, connected devices and whole home consumption. The system leverages the customer-specific energy data to optimize for energy affordability, sustainability or resiliency with backup power availability. Proprietary algorithms use factors including historical consumption, solar production, tariff, weather forecast and outage probability to optimize the home energy ecosystem. This intelligence also unlocks appliance-level monitoring and personalized energy efficiency recommendations.



Manage the IQ Dashboard remotely via any web-ready device

TURNKEY SOLUTIONS



Increase customer & neighborhood resiliency



Manage local & system ramping needs



Improve customer engagement & retention



Defer distribution upgrades



Earn wholesale revenue

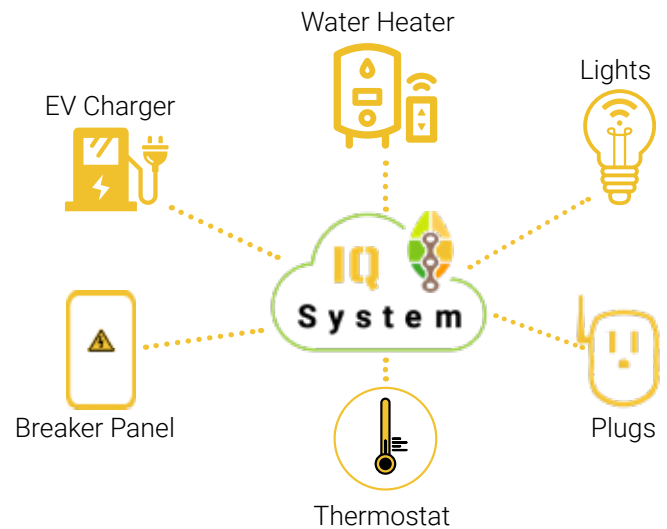


Support voltage & reactive power

ElectrIQ Power partners with utilities to develop tailored customer sited programs and offerings that provide value to the customer, utility and grid. Using IQ System deployments as the gateway to energy smart homes and businesses, our adaptive monitoring and management software seeks out and unlocks additional value and efficiency. Customers benefit from backup power, maximized energy efficiency, and a lower entry cost to storage, while utilities benefit from increased visibility and control of DERs and seamless integration into real-time grid management decisions.

SMART HOME AUTOMATION

The IQ System can integrate with and control other smart home appliances to automate energy efficiency for users and increase the total load under control for grid managers. We centralize and optimize control of home loads using the battery as the system buffer, making it easy for aggregators to know exactly how much supply- and demand-side capacity is available for dispatch at any given moment. The resulting analytics offer high temporal and spatial granularity which enables utilities and aggregators to more accurately forecast DER production and availability.



FLEET MONITORING AND MANAGEMENT

IQ Console Live Systems

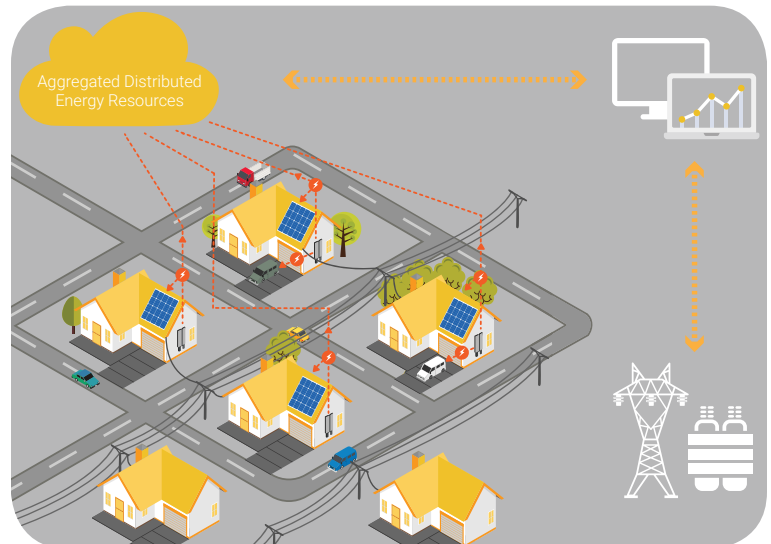
Search

System	Sub LAP	Battery	Solar	Available Capacity	Actions	Data
233 Clean Power Dr.	PGCC	50 W	1179 W	0 Wh	Diagnose Reset	Live • Past
163 Charger Way	PGCC	595 W	0 W	298 Wh	Diagnose Reset	Live • Past
864 Electric Ave.	PGHB	831 W	3139 W	415 Wh	Diagnose Reset	Live • Past
4112 Solar St.	PGSA	4503 W	6507 W	4000 Wh	Diagnose Reset	Live • Past

- Simple, intuitive and customized platform
- Flexible, targeted and real-time load monitoring and control for entire fleets
- Monitor parameters and receive automatic alerts
- Eliminate truckrolls with remote diagnostics and upgrades
- Custom functions can be performed at any frequency for predictive analytics on any parameter
- Appliance-level data visibility for personalized efficiency

IQ POWER GRID

ElectrIQ Power's Virtual Power Plant program, IQ Power Grid, provides a clear, simple method for customers to support the grid. We work closely with utilities to define goals and appropriate business model, and then recruit IQ users to participate in VPP programs. For the utility, the cloud-based IQ software optimizes VPP resources in real-time and ensures that capacity is always available when its needed. For the customer, the IQ software ensures a seamless, non-disruptive energy experience and automated compensation based on the amount of energy collected. Truly a win-win-win for the customer, utility and grid!



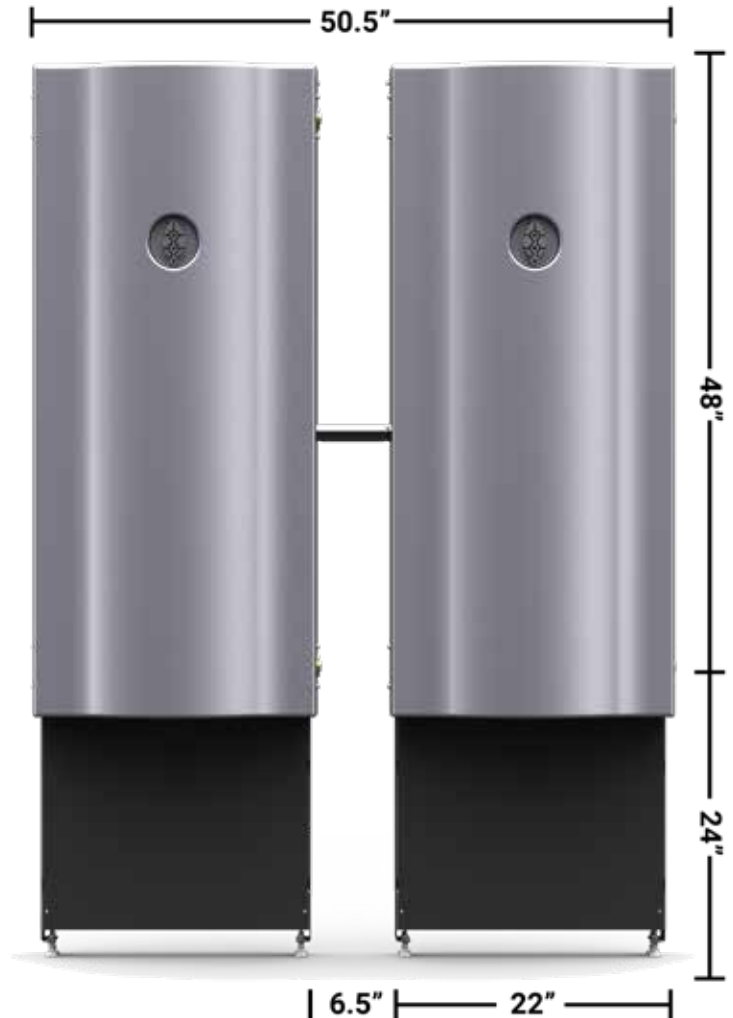
PERFORMANCE & SAFETY SPECIFICATIONS

Battery & Inverter

Battery Type	Lithium-Ion
Battery Capacity	10 kWh
Usable Capacity	8.5 kWh to 100% DoD
Modularity	Scalable to 60 kWh on a single inverter
Hybrid Inverter	AC or DC Coupling, Solar ready
Instantaneous Power	11.4 kW
Continuous Power	4 kW base, up to 7.6 kW
Inverter Efficiency	97.5%
Roundtrip Efficiency	93%
AC Voltage	Split Phase (120/240V) or 3-Phase (208V)
Grid Frequency	60 Hz

Safety, Environmental & Mechanical

Safety Standards (ETL listed to)	UL 9540, UL 1973, UL 1642, CSA 22.2.107.1, UL 1741 SA, IEEE 1547
Warranty	10 years
Operating Temperature	-10° to 50° C
Maximum Altitude	2,000 m (6,562 ft)
Enclosure Type	NEMA 1
Connectivity	Ethernet, PLC & 4G LTE (optional)
Weight (Inverter/Battery)	135 lbs. / 335 lbs.
Dimensions	50.5" x 72" x 12"



ABOUT ELECTRIQ POWER

ElectriQ Power develops intelligent energy management and storage systems that maximize the value of batteries, renewable energy and smart devices. Taking a software-first approach, we integrate safe, high performing batteries and power electronics with proprietary energy management software into the fully-integrated IQ System. By monitoring and managing onsite generation, storage, connected devices and entire home, the IQ System optimizes and automates solar self-supply, backup power and energy efficiency.



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