



JASCO

LEADING CHANGE WITH TECHNOLOGY

ENERGY SYSTEMS AND POWER INFRASTRUCTURE

Energy efficiencies and reliability are essential to business success, particularly as operational demands increase. From seamless renewable integration to uninterrupted power supply, our solutions go beyond industry standards to address real-world energy challenges.

Guided by our commitment of 'Leading change with technology', Jasco's Energy Systems & Power Infrastructure delivers tailored end to end energy solutions that ensure uninterrupted power, operational continuity and optimised energy usage for sustainable growth.

THE CHALLENGES WE SOLVE

1 Managing energy consumption efficiently

Many businesses struggle to track and optimise their energy usage, leading to unnecessary costs and inefficiencies.

Without real-time insights, energy waste goes unnoticed, driving up operational expenses. Jasco's energy management solutions provide continuous monitoring and actionable data, helping you reduce waste, lower costs, and improve overall efficiency.



2 Preventing costly power disruptions

Unplanned outages can halt operations, damage equipment, and result in lost revenue.

Businesses need a dependable power assurance strategy to safeguard critical systems. Jasco's UPS systems and backup generators ensure continuous power supply, keeping your operations running—even during unexpected blackouts.

3 Protecting equipment from poor power quality

Poor power quality can damage sensitive equipment, cause unexpected failures and lead to costly downtime and repairs.

Jasco's power quality solutions provide advanced filtering, realtime reactive power compensation, mitigates voltage dips and fluctuations to stabilise your power supply and system reliability.

4 Overcoming the complexity of renewable energy adoption

Switching to renewable energy isn't just about installing solar panels—it requires seamless integration with existing systems to maximise efficiency and cost savings.

Our solar PV and energy storage solutions simplify this transition, helping businesses reduce grid dependency, cut energy costs, and meet sustainability targets.



5 Expanding power infrastructure to meet growing demand

As businesses scale, their power infrastructure must keep up. Expanding operations without the right infrastructure can lead to capacity constraints, inefficiencies, and operational risks.

We provide high-quality medium-voltage switchgear, miniature substations, transformers, and cable accessories to ensure reliable, scalable power distribution across your network.

THE SOLUTIONS WE PROVIDE

1 ENERGY MANAGEMENT SOLUTIONS

Reduce energy waste, cut costs, and take control.

Energy waste drives up operational costs, yet many businesses lack the right insights to pinpoint inefficiencies and reduce consumption effectively. Without real-time visibility, energy management becomes a guessing game—leading to unnecessary expenses and lost savings opportunities.

Jasco's real-time energy monitoring systems give you full control over your energy usage. Our solution continuously tracks, analyses, and optimises consumption across your facilities, providing the insights needed to identify waste, improve efficiency, and lower costs. With custom alerts and predictive analytics, you can take a proactive approach to energy management, preventing inefficiencies before they impact your bottom line.

Jasco's fully customisable energy management solution is designed to fit your specific operational needs, whether overseeing a single site or a multi-location enterprise. With accurate data insights and intelligent automation, our system enables a smarter, more sustainable energy strategy, helping you optimise efficiency, reduce costs, and maintain uninterrupted operations.



2 POWER ASSURANCE SOLUTIONS (UPS & GENERATORS)

Keep your business running, no matter what.

Power interruptions can bring your operations to a standstill, leading to lost revenue, reduced productivity, and potential data loss. Even a short outage can have serious consequences for businesses that rely on continuous uptime—like data centres, manufacturing plants, and critical service providers.

Our power assurance solutions provide uninterrupted backup power through reliable UPS systems and backup generators, ensuring your business stays operational during outages. Our solutions are engineered for resilience, automatically activating the moment grid power fails so your critical systems remain protected.

Jasco's backup power solutions are designed to meet your specific operational needs, offering scalability and customisation to ensure uninterrupted performance.

Whether you require a compact UPS for critical equipment or a comprehensive generator system for large-scale operations, our solutions provide reliable, on-demand power, keeping your business running without compromise.



3 POWER QUALITY SOLUTIONS

Protect your equipment and optimise efficiency.

Unstable power supply can damage sensitive equipment, cause unexpected failures, and lead to costly downtime and repairs. Voltage fluctuations, harmonic distortions, and excessive reactive power, disrupt operations and shorten the lifespan of critical systems, impacting efficiency and profitability.

Our power quality solutions provide advanced filtering, real-time reactive power compensation, and voltage regulation to stabilise your power supply. Our solutions - including active harmonic filters, static var generators, and voltage regulators—eliminate electrical disturbances, reduce demand penalties, and protect your infrastructure.

Jasco's advanced power quality technology goes beyond standard power conditioning, offering superior protection and long-term reliability for businesses where downtime is not an option. By stabilising your power supply, our solutions help extend equipment lifespan, reduce costly repairs, and ensure uninterrupted operations, keeping your business running smoothly and efficiently.

4 SOLAR PV SOLUTIONS

Cut energy costs and achieve sustainability.

Rising electricity prices and dependence on conventional power can strain operational budgets and sustainability efforts. Many businesses struggle to find a cost-effective way to reduce energy expenses while meeting environmental targets.

Jasco's Solar PV solutions provide a seamless transition to renewable energy, helping businesses integrate rooftop and carport solar installations to lower electricity costs and reduce reliance on the grid.

By harnessing solar power, your business can stabilise energy expenses, decrease carbon emissions, and improve long-term resilience against rising tariffs.

With a fully integrated approach, Jasco ensures customised system design, expert installation, and reliable operation tailored to your facility's unique energy demands.

Our proven track record in renewable energy enables businesses to achieve measurable cost savings while advancing their sustainability goals.

5 POWER INFRASTRUCTURE

Scalable, reliable energy distribution.

As businesses expand, so do their energy demands. Without scalable and efficient power infrastructure, operations can face bottlenecks, outages, and costly inefficiencies. Ensuring consistent power distribution across growing facilities and complex networks is critical for maintaining performance and reliability.

Jasco's power infrastructure solutions provide high-quality medium-voltage switchgear, transformers, and miniature substations, ensuring seamless energy distribution across utility networks and large-scale operations. Whether expanding a single site or managing multiple locations, our solutions deliver the capacity, stability, and efficiency needed to support your growth.

With modular designs that allow for future scalability, Jasco helps businesses stay agile and adaptable, ensuring their power infrastructure evolves with operational needs. Our power distribution and network reliability expertise has supported major industrial expansions and utility infrastructure upgrades, delivering long-term resilience and efficiency.

Powering your business with reliability and innovation

We understand that energy reliability, resilience, and sustainability are essential to your business's success.

Our Energy Systems and Power Infrastructure solutions are designed to meet these demands, ensuring 24/7 power availability, and scaling your infrastructure for future growth.

We deliver tailored, practical solutions that keep your operations running efficiently and cost-effectively.



GET IN TOUCH

Power your future with Jasco.

With our expertise in energy management, backup power, and infrastructure solutions, we help businesses stay ahead in an evolving energy landscape. Get in touch today to explore how our solutions can drive efficiency, cut costs, and secure your energy future.

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