

critical

POWER SUPPLIES

critical power and energy solutions



Power Products

- Uninterruptible power supplies to 6MVA
- Standby power generators
- DC standby power systems
- Battery packs, stands and cabinets
- Maintenance bypasses and switchgear
- Static Transfer Switches (STS)
- Power Distribution Units (PDUs)
- UPS monitoring and control software
- AC and DC power inverters

Power Services

- Site surveys and turn-key project management
- Electrical installation and commissioning
- Battery build, testing, replacement and disposal
- System decommissioning, relocation and disposal
- 24/7 maintenance contracts with remote site monitoring
- Battery monitoring systems including individual cells
- UPS and generator hire

Renewable Energy Solutions

- Solar panels and inverters
- Wind turbines
- Flywheels
- Fuel cells



Critical Power Solutions

Single-source Power Protection Specialists

No matter what your power problems we can solve them. Critical Power Supplies is a full-service power protection reseller. We work with a select group of power solutions manufacturers to deliver the complete package from site survey and design, to installation, training and maintenance.

Our power systems are used across the UK and Eire, within datacentres, server and comms rooms, local area networks, retail and industrial environments. As well as supplying standard UPS systems we also provide a bespoke service, building systems to meet your exact specifications, whether this be for rail applications, marine, off-shore or relocatable equipment buildings.

■ Uninterruptible Power Supplies

300VA to 800kVA, powering up to 6MVA in parallel N+X resilient configurations, with battery extension packs and stands, running from 10 to 30 minutes up to several hours for long runtime applications, remote management software, maintenance bypasses, and switchgear.

■ Generators

Generators for use in prime or standby power configurations including: diesel and LPG powered, automatic mains failure (AMF) panels, weatherproof and noise attenuation cabinets, secure containers, extended fuel tanks, on-site refueling, remote monitoring, piping and exhaust systems.

■ Fuel Cells and Flywheels

Alternative energy systems for use in standalone applications or to support a UPS battery runtime.

■ Standby Power Systems

Long runtime emergency power systems for security and lighting applications with runtimes up to 12 hours.

■ Power Distribution Units (PDUs)

Single and three phase power distribution units in horizontal and vertical formats, with multiple socket combinations, 16/32A ratings, SNMP remote alarm reporting, power management and socket reboot.

■ Load Transfer Switches

Source Transfer Switches (relay-based) and Static Transfer Switches (STS) for single and three phase applications up to 400A.



■ Typical Installations

Every Critical Power Supplies installation is backed up by our extensive service guarantee. We work with leading manufacturers to provide the very best in class.

Typical installations for these suppliers include: ING, Nat West Bank, Barclays Bank, Zurich Direct, Tesco's, ASDA, Marks and Spencers, Royal Air Force, Ministry of Defence, Edinburgh University, Suffolk County Council, British Airways, Network Rail, Glan Clywd Hospital, Manchester University, BP, Shell and London Transport.

Critical Power Services

Critical Power Protection Consultants

Whether you are looking at a UPS for a small file server installation, a turn-key industrial package or nationwide roll-out, Critical Power can provide the specialists required to guarantee a 'first time right' installation.

Through Critical Power Supplies our clients have access to a wealth of knowledge and engineering experience and rely on us to provide independent consultancy, resilient power continuity plans, electrical installation and after-sales service.

Every service you need to keep you running

Critical Power Supplies operates nationwide. Our service network engineers are manufacturer trained and certified. This means that we have access to the latest product training, firmware updates, spares and technical documentation to guarantee your systems uptime.

- ✓ Nationwide 24-7 service coverage
- ✓ 24-hour Technical Support hotline
- ✓ Remote site monitoring software and reports
- ✓ Regional spares and crash kit stores
- ✓ Emergency call outs
- ✓ Preventative Maintenance and HealthCheck visits
- ✓ Third party UPS and generator maintainers
- ✓ Battery builds, testing, replacement and disposal
- ✓ UPS relocations, removal and disposal

Warranty and Maintenance Plans

Every Critical Power Supplies product comes with a minimum parts and labour warranty of 12 months. Some UPS systems up to 20kVA have a 24 months warranty.

- **Platinum:** 4 clock hour response and one annual preventative maintenance visit per annum
- **Gold:** 12 working hour response and one annual preventative maintenance visit per annum
- **Silver:** 8 working hour response and one annual preventative maintenance visit per annum

UPS and Generator Hire

As part of our Critical Power Services we provide UPS and Generators for hire. These can be containerised where required with hire periods running from weeks to several months. All systems are installed, tested and certified to ensure they deliver outstanding, guaranteed performance to keep your systems running.



Quality, Environmental, Health & Safety

Our management systems incorporate manufacturer specific documentation to ensure compliance to ISO 9001, ISO 14001, ISO 18001 and SAFEContractor certified systems. Risk assessments and Method Statements are available on request in generic or site specific form (subject to site survey).

For our quality, health & safety, environmental and ethical management system policies see the Critical Power website at www.criticalpowersupplies.co.uk

Upgrades and Trade-Ins

As a third-party systems maintainer we can help you upgrade or trade-your existing systems. Simply call us for a free evaluation.



Call us today for a site survey and find out how we can solve your power problems.

Follow us on Twitter for ideas about power protection and energy efficiency - see: www.twitter.com/critical_ups

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Uninterruptible Power Supplies and Standby Emergency Back-up Power Systems

Critical Power Supplies is a leading independent UK multi-brand supplier of critical power and energy solutions. We supply 'World Class' power protection and energy management products for our clients and support them with industry leading levels of service. As a multi-brand UPS supplier we are well placed to provide you with the right power solution for your application. We typically work with a range of clients including M&E consultants, quantity surveyors, electrical contractors, distributors, resellers, corporate and end-users.

The Company

Critical Power Supplies consists of two divisions focusing on the use of power and energy within critical installations. The company supplies individual systems and full turn-key packages with comprehensive 24-7 service and maintenance packages. The company is geared towards acting in the most environmentally friendly way and to providing its clients and stakeholders with an ECO approach to power and energy management. The commercial arm of the business is based in Thame, Oxon from where the company supplies a wide range of off-the-shelf and built-to-order power and energy management systems. A nationwide service team provides round-the-clock maintenance to some of the UK's most demanding clients across a broad spectrum of industries and disciplines.

Independent Expertise and Management

With over twenty-five years experience, Critical Power Supplies provides clients with an unparalleled 'centre of excellence' when it comes to the design, implementation and installation of power continuity and energy management systems. As a privately funded and owned business, the company is totally independent and is not tied to any one UPS manufacturer. It is in the enviable position of being able to offer the best possible solution to a clients needs, balancing total cost of ownership with resilience, efficiency and concern for the environment.

Solving Power Problems

The Critical Power Supplies team comprises of people with long-standing service within the power protection industry. They have helped to design, install and maintenance systems to power mission critical systems, many of which are at the heart of UK infrastructure. Our advise is impartial because we are not tied to anyone single manufacturer.

Our clients get the most appropriate power and energy management solution to their power and energy problems. From our wide range of products and supply chain you can rest assured that we will design and install a system that will best meet your needs, both today and tomorrow.

After Sales Care

At Critical Power Supplies, we form long standing relationships with clients and have built our reputation on trust, respect and expertise. There are no 'fit and forget' solutions when it comes to power or energy management. That's why we provide industry leading after sales service with manufacturer approved service engineers and partners. Quite simply we are available 24-7 to solve power protection and energy management problems.

Service Guarantee

Critical Power Supplies is an independent power solutions and alternative energy management company. We supply solutions from a managed supply chain that has been designed to take the hassle out of critical power and energy projects for you. As an independent company our clients trust us to offer the best possible solution, product and support services. When you a contact Critical Power sales engineer you are immediately talking to someone with depth, experience and the knowledge to understand your power and energy problems and propose the most appropriate solution and installations package. We know power. We know energy.

Site surveys are always recommended for installations that cannot be classed as 'plug and play'. Our power experts often attend sites to discuss rollouts, turn-key packages and assess an installation to ensure it complies with our latest quality, health and safety, and environmental management systems. Full turn-key packages can include other aspects of a data centre installation including air conditioning, cold aisle closures, access control, fire protection systems and emergency lighting. Our aim is to provide clients with a project management approach that is second to none in our industry.

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