

Achieve **maximum** performance
with unmatched **reliability**

Energizing a world that demands more.

Uptime and speed to revenue are key to your business and require equipment deployment as quickly as your tenants and power needs grow. Your mission-critical power and thermal management solutions need to drive efficiency, quickly scale to meet growth requirements and ensure you're continually optimizing IT assets while delivering the quality of service your customers demand.

Critical to your business success is finding a partner that delivers the engineering skill, project management, service expertise and hassle-free integration necessary to help you lower cost, save time and reduce risk.



Powering Business Worldwide

Power quality, conditioning and backup



Surge protective devices (PSPD)

- Most reliable and advanced UL® 1449 4th Edition certified surge protectors
- Combine surge suppression components and EMI/RFI filtering



Automatic transfer switches

- Breaker-based up to 5000 A
- Contactor-based up to 3000 A
- Bypass isolation for contactor- and breaker-based solutions
- ANSI/NEMA® and IEC certified
- Open or closed transfer



Power factor correction (PFC)

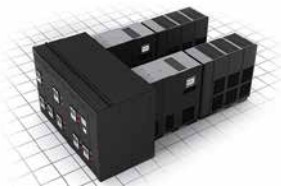
- Fixed and switched capacitor banks
- Low-voltage (LV) and medium-voltage (MV) banks available
- Harmonic correction units (HCUs) can mitigate harmful harmonic currents



Uninterruptible power supply (UPS)

- Desktop, network, server and storage UPSs up to 60 kW
- Data center and facility UPSs up to 1200 kVA
- ENERGY STAR® compliant and up to 99% efficiency
- Energy storage options include batteries (Lithium-ion and lead acid), ultra capacitors and flywheel

Prefabricated power solutions (system-tested before delivery for fast deployment)



Connected

- UPS modules and switchgear
- Up to 5000 A
- Customizable
- Used in gray space



Centralized

- UPS, batteries and switchboard on a skid
- Up to 550 kVA
- Used in warehouse environments and gray space



Contained

- UPS, batteries, switchgear, HVAC and fire and safety equipment in a container
- 825 and 1100 kVA
- Used in warehouse environments, disaster situations, outdoors and more

Power distribution



Medium- and low-voltage switchgear

- Generator and line-mounted switchgear
- Metal-clad medium-voltage switchgear to 38 kV
- Metal-enclosed low-voltage switchgear to 575 V, 6000 A
- ANSI/NEMA and IEC certified



Medium- and low-voltage motor control centers

- Medium-voltage motor control centers
- Low-voltage motor control centers
- ANSI/NEMA and IEC certified



Panelboards, switchboards and safety switches

- AC and DC panelboards, fusible and drawout
- AC switchboards, drawout and reverse feed
- Fusible coordination panelboard for easy selective coordination and arc flash mitigation
- Non-loadbreak Pringle® bolted pressure contact switches



White space power distribution

- System bypass module
- Power distribution unit (PDU) and remote power panel (RPP)
- Static transfer switch (STS)
- Energy management system (EMS) upgrade kit to extend branch circuit monitoring capabilities to existing equipment, regardless of manufacturer



Rack power distribution units

- Basic, metered input, metered outlet and managed models
- 0U/1U rackmount



Busway

- Low- and medium-voltage busway up to 5000 A
- Plug-in, feeder and track configurations
- Built to fit special layout needs and shipped ready for installation



Integrated Facility Systems™ (IFS)

- Integrates separate electrical distribution and control equipment into a single space-saving, factory-assembled connected package



Transformers

- Liquid-filled unit substation transformers
- Dry-type and liquid-filled power distribution transformers



Integrated and mobile power solutions

- Standard and customized modular data center solutions
- Modular integrated transportable substation (MITS)
- Turnkey integrated power assemblies (e-Houses)
- Outdoor enclosures for metal-clad switchgear solutions

Components for electrical and mechanical subsystems



Variable frequency drives

- Typically result in energy savings of 10 to 50% and designed for high-performance applications
- Low-voltage clean power and high-performance variable frequency drives



Medium- and low-voltage circuit breakers

- Molded-case circuit breakers (MCCB)
- Low-voltage power circuit breakers
- Industrial breakers
- Air circuit breakers (ACB)
- ANSI and IEC configurations



Fuses

- Finger-safe CUBEFuse® and compact circuit protector (CCP) reduces footprint up to 70%
- Low-profile CCP offers more than 10 times the interrupting rating for rack PDUs
- High-speed square body and cylindrical bolt-on fuses for UPSs

Racks, enclosures and cages



Racks

- Two- and four-post open racks
- Ideal for voice, data and video (VDV) equipment
- Seismic configurations



Enclosures

- Floor-standing and wall-mount models
- Seamless integration of cable management accessories and power
- Controlled thermal management options



Cages

- Secure data center segmentation
- Modular and reconfigurable to scale to future requirements

Airflow and thermal management solutions



Rack containment

- Contain and direct heat exhaust out of the enclosure's top rear
- Adjustable for plenum ceilings and high air returns
- Integrates seamlessly with existing cooling infrastructure



Aisle containment

- Aisle ceilings
- End-of-row doors
- Overhead vertical wall systems



Room containment

- Computer room air conditioning (CRAC) collars
- Sealed raised floor cable grommets

Structural support systems



Strut systems

- Solid, slotted and long hole channel
- Fittings, clamps and beam supports
- Pre-galvanized, hot dip, stainless steel and Dura Green™ painted

Wire and cable management



Cable tray

- Two-sided rail systems, metallic, nonmetallic and Redi-Rail™
- Flextray™ cable support systems
- Cable runways and NEMA wireways



Modular wiring systems

- Cables, cords, splitters, power fittings and switch drops



Data center wiring devices

- Devices designed specifically for data centers
- Help to conserve power and reduce energy costs
- Available in multiple NEMA configurations



Cable management

- Flextray wire basket is easily cut/bent for flexibility on job site
- KwikSplice™ lightweight aluminum cable tray saves up to 50% on material and installation time
- Redi-Rail™ cable runway optimizes rung placement for precise cable dropouts

Facility metering, power monitoring and management



Power management software

- Network and peer-to-peer UPS monitoring and management software
- Industry-leading software integrates power with virtualization platforms



Facility monitoring software

- Monitor and proactively manage single or multiple data centers or enterprise-wide mission-critical infrastructure equipment, regardless of make or model
- Remote monitoring 24x7 of critical infrastructure



Power and energy meters

- Advanced remote monitoring meters provide accurate, real-time system values, capture system events and displays them through software monitoring solutions
- Power and energy meters, single and multi-space unit enclosed meters

Monitoring consoles



Network operations center (NOC) consoles

- Sit-to-stand applications for mission-critical monitoring environments
- Flat panel display monitor arrays for ergonomic viewing

Indoor and outdoor lighting



High-efficiency LED luminaires

- Visionary indoor and outdoor LED lighting advancements deliver unparalleled performance
- Products exceed requirements to maximize energy savings and meet local code requirements



Lighting controls

- Conserve energy, reduce operating cost and improve lighting quality
- Control a floor, building or campus of buildings with a variety of options

Design, build, planning and support services



Professional and consultative services

- Dedicated, experienced project management teams
- Application design, build and planning solutions including multi-vendor and life extension
- Power audits
- Efficiency and safety upgrades, start-up and site commissioning
- Short-circuit coordination and harmonic studies



Preventive maintenance

- On-site service and extended warranties
- Arc flash hazard analysis
- Computational fluid dynamics offers 3D model of data centers, individual rooms, row and/or rack services
- Battery management and monitoring services
- Load bank testing, power quality metering and infrared scanning



Emergency services

- Nearly 1,800 field and engineering service professionals globally
- Service professionals trained on multi-vendor distribution products
- Pre-crisis and disaster recovery and 24x7 service
- Regional manufacturing facilities enable rapid support and delivery for critical needs



PredictPulse™ remote monitoring service

- Proactive and predictive monitoring for your power infrastructure
- Alarm experts analyze data from connected devices, make recommendations and take action
- Status appears in online dashboard
- Alarm notifications display in mobile app
- Monthly performance reports

For more information, visit
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