VTL TECH CO., LTD.

SOLUTION PROVIDER FOR INDUSTRIES



EATON
Powering Business Worldwide

Eaton Electrical Sector



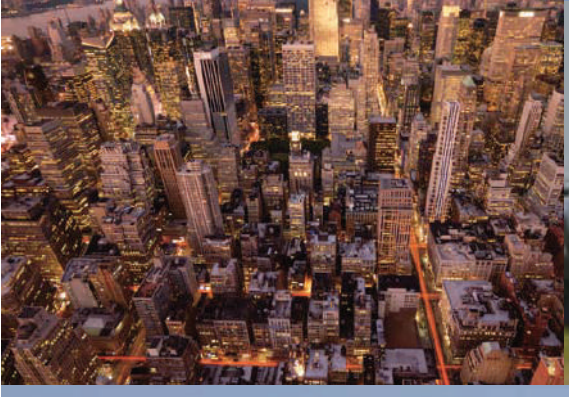


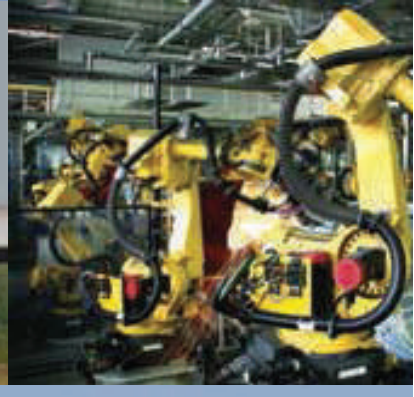

Eaton
Electrical Sector

We make what matters work.*



Powering Business Worldwide





Who's Eaton ?

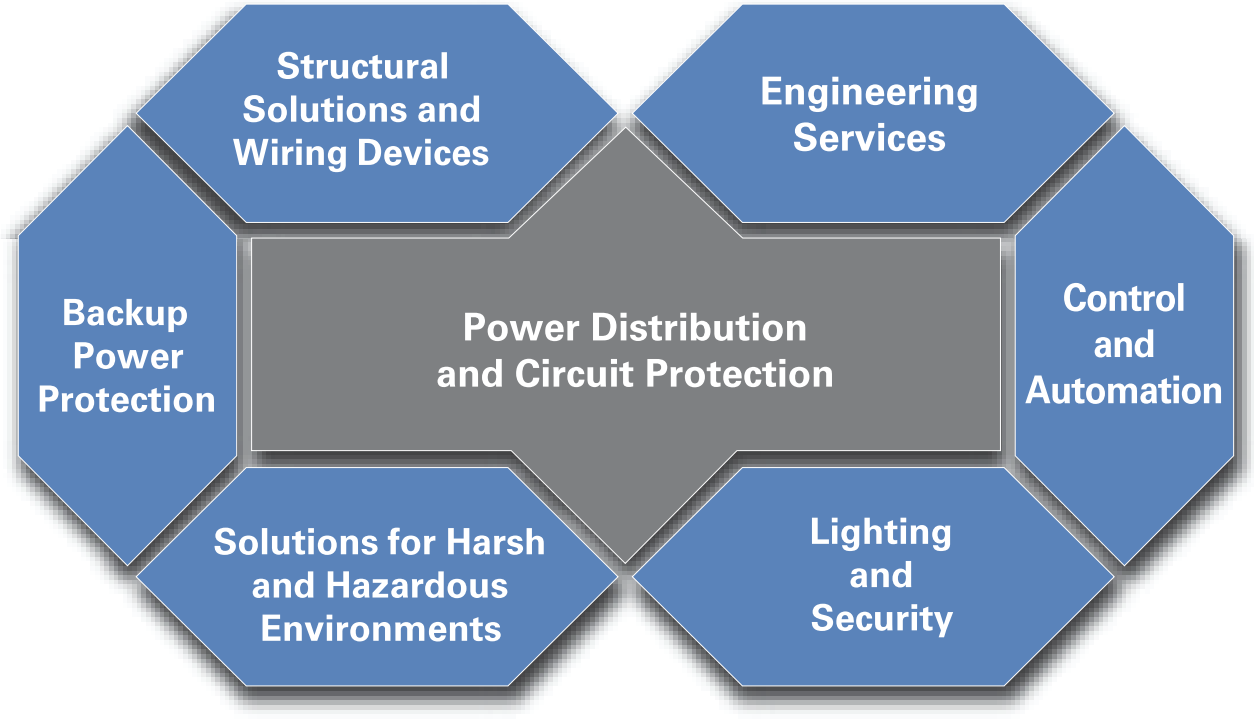
Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power - today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy, helping to solve the world's most urgent power management challenges, and doing what's best for our stakeholders and all of society.

Founded in 1911, Eaton is marking its 100th anniversary of being listed on the New York Stock Exchange. We reported revenues of $20.8 billion in 2022 and serve customers in more than 170 countries. For more information, visit www.eaton.com/vn

Eaton's Electrical Sector

Power Distribution Division

Eaton's Power Distribution Division helps our customers build and maintain safe, reliable and efficient power networks, infrastructure and machinery across Asia. From heavy industries like oil and gas to commercial and residential construction, Eaton's Power Distribution Division has industry leading solutions to meet the demands of these rapidly evolving markets… and we're continuing to invest in new technologies and indigenous innovation to better serve customers in the region.



Key Markets Served



Utilities



Machine building



Oil & Gas



Commercial, residential



Infrastructure



Renewable Energy

What we offer in these key segments



Utilities

Maximize system reliability and uptime using technologies for a smarter grid

- Smart primary and secondary medium voltage power distribution
- Ring main units
- Motor control centers
- Unit substation and pad-mount transformers
- Turnkey substation development
- Arc flash safety solutions



Machine building

Support a wide range of design-for-purpose machines with industry leading solutions

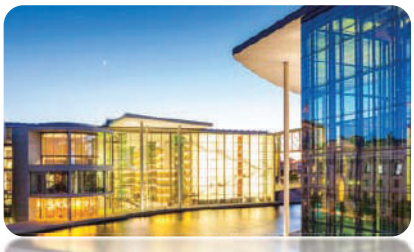
- Motor control, including contactors, starters, soft starters and variable frequency drives
- Human machine interface and logic control
- Lean connectivity and automation
- Resettable and non-resettable circuit protection solutions



Oil & Gas

Improve performance and safety for maximum production and reliability

- Power distribution and protection including integrated power assemblies, low and medium voltage standard and arc-resistant switchgear
- Control and instrumentation including arc resistant motor control, variable frequency drives and instrumentation
- Equipment for hazardous environments
- Services including energy audits, upgrade and retrofit analyses, training and commissioning



Commercial, residential

Make buildings more reliable and efficient to maximize ROI, comfort and safety

- Low voltage power distribution and circuit protection
- Surge protection devices
- Power metering and remote monitoring
- Consumer units
- Services for electrical equipment life extension and modernization



Infrastructure

High quality products with safety-conscious design to provide continuous, clean and reliable power, life cycle services to improve project efficiency

- Medium/low voltage power distribution
- Power metering and monitoring
- Arc flash safety solutions
- Project management service
- Electrical engineering service



Renewable Energy

Offer solar, wind and hybrid power solutions that help the world transform alternative energy into everyday use

- Solar array circuit protection, incl. PVGard solar circuit breakers, DC disconnect switches, inverters, fuses and combiner boxes.
- Wind power conversion components, base tower and grid-connection switchgear
- Power system engineering, incl. analysis, design, engineering, installation
- Turnkey project and construction management

Comprehensive range of power distribution and

Power Delivery & Reliability



High/Low Voltage Capacitor



FTU/DTU/TTU DA Controller and Field RTU



Transformers

Power Distribution



Medium Voltage Switchgear



Ring Main Unit

Circuit Distribution & Protection



Medium Voltage Vacuum Circuit Breaker



Low Voltage Air Circuit Breaker

Industrial Control & Automation



Motor Contactors & Starters



Drives & Soft Starters

Electrical Services



Studies

- Power quality and reliability audits
- Energy management audits
- Safety audits

control products, services & solutions



Dropout Cutout



Outdoor Disconnect Switch



Separable Connectors



MV Cold Shrink Cable Accessories



Low Voltage Switchgear



Overhead Switchgear



Protective Relays



Power Metering & Monitoring



Molded Case Circuit Breaker



Miniature Circuit Breaker



High & Low Voltage Fuse



Super Capacitor



Panel Wiring Solution



HMI & Logic Control



Command & Signaling



Sensors & Limit Switches

Design

- Engineering services
- Consulting services
- Modeling and analysis

Build

- Project management
- Turnkey services
- Modernization

Support

- Maintenance/aftermarket
- 24x7 monitoring
- Emergency response

Comprehensive Range of Power Quality Products & Services



EATON 1 1-Phase UPS



5V	5E	5P / 5PX	9SX	9E	9PX
650-1050VA	1100-2000VA	650-3000VA	700-6000VA	1000-20KVA	5 - 11KVA

EATON 3-Phase UPS



PDU



Rack & Airflow Management



Key Solution Provider Validated

NetApp · CITRIX ready · vmware READY MANAGEMENT AND ORCHESTRATION · cisco Compatible · EMC² VSPEX LABS VALIDATED · VBLOCK READY

Data Centre & Critical IT Power Management Solution



The Data Centre, and the network it supports, forms the backbone of any enterprise. If there's a problem with the power to the Data Centre, every part of the business can be impacted. When the stakes are this high, exceptional power management capabilities are required throughout the powersystem.

FROM AN IT PERSPECTIVE, advanced, high-density blade equipment brings with it denser power requirements, meaning more heat to dissipate in less space. In both physical and virtual environments, power monitoring and management is essential, both to maintain a clean and reliable power supply, and to manage costs more effectively.

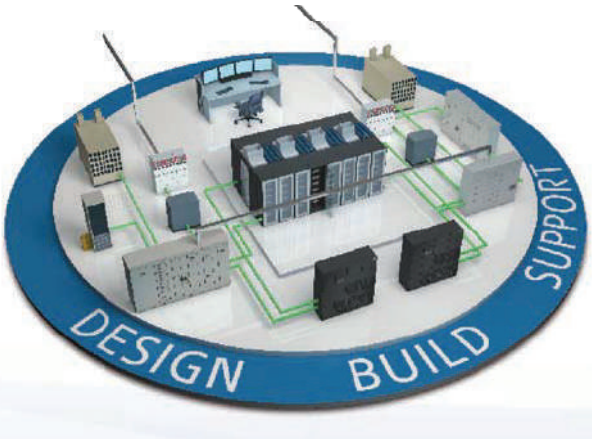
IT ISSUES

Managing Blade power and heat

Managing power for cloud & virtualized IT

Power Monitoring & Management

IN TERMS OF ELECTRICAL NEEDS, scalability and speed to installation are second only to the absolute need to maximise uptime – the availability of power at all times. There are pressures on capital budgets, on use of space and energy; and, of course, the overriding requirement to ensure that every link in the system that supplies power to your data centre is strong and reliable.



ELECTRICAL NEEDS

- Managing uptime
- Improving energr efficiency
- Ensuring life extendability
- Optimising space
- Managing heat
- Improved metrics
- Speeding installation
- Providing life cycle service
- Operating sustainably
- Minimising capital

SERVICE

Contract and support services provide the maintenance, parts and service needed to get the best performance from your existing power systems.

With optimal maintenance and support, your business will have more reliable, higher quality and cost-effective power.

Start-up and commissioning

- Acceptance testing and installation certification
- Ground fault certifications
- Interconnect confirmation and commissioning
- Utility integration
- Warranty extension
- Installation support and supervision
- Start-up and training

Preventive and predictive maintenance

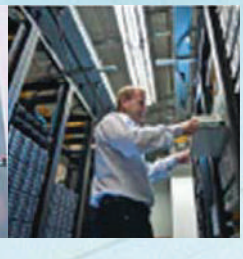
- PM program design and implementation
- Periodic testing and PM services
- Thermographic survey
- Troubleshooting/testing

Maintenance and emergency services

- Complete scope of testing, repair and evaluation
- Short/long-term maintenance contracts
- Respond to emergencies 24 hours a day- 7 days a week, 365 days a year
- Spare part service
- Batteries and Battery services







EATON
Powering Business Worldwide

NOTE:

Welcome to the Eaton world

- 25 manufacturing sites
- 60+ front-end offices spanning 20+ countries
- 7 R&D centers and 4 shared service centers



Powering Business Worldwide

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April 2023

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