



Powering Business Worldwide

Electrical Sector

Power Management Solutions



Powering what matters

Everything we touch, do, or
experience in our modern
world is made
possible by power



POWER DISTRIBUTION PRODUCTS

Switch Gear & Fuse Gear with Low Voltage & Medium Voltage Power Distribution Control & Automation Solutions



Ring Main Unit Solutions upto 36KV and Predictive diagnosis monitoring solutions

- RVAC SF6 RMU upto 24 KV
- Xiria SF6 Free RMU upto 24 KV
- Uring series RMU upto 36 KV
- HMM series RMU upto 36 KV
- BushingGard Predictive Diagnostic solutions for large power transformer bushing equipment
- InsulGard provides online continuous monitoring of partial discharge for generators, motors, switchgear, bus duct, and cable connections.



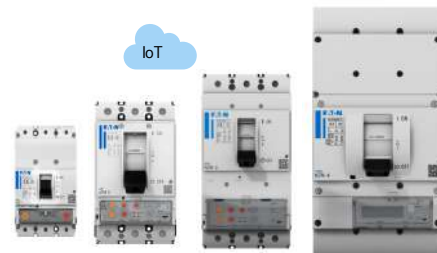
MV, LV Panels & Solutions upto 36 KV , Fault Passage Indicator (FCI & FPI) and Vacuum Interrupter

- Medium Voltage VCB Panel
- Low Voltage Power Distribution Panel
- iMCC Panel
- VS1 VCB upto 4000 A
- W-Vaci VCB & GCB upto 7000 A
- Vacuum interrupter solutions for MV circuit breaker up to 72.5KV
- Fault circuit indicators are designed to quickly and easily locate faulted sections of overhead systems.



Air Circuit Breaker

- IEC & UL with advance Protection Release
- 800A to 6300A
- upto 105KA
- IoT & ARMS Features



MCCB

- IEC, UL & Global Approvals
- 20A to 1600A with advance Protection Release with Display & Support IoT Network
- 10KA to 150KA, Fixed/Plug-in/Withdrawable versions



Medium Voltage Fuse (MV Fuse)

- Voltage Rating : 3.6KV to 72KV
- Current Rating: 0.5A to 630A
- Breaking Capacity: 20KA to 50KA
- Operating Class: Back Up / Motor Protection / Metering fuse
- Standard: IEC 60282-1, DIN 43625 and BS 2692
- Mounting Style: Bolted / DIN type



Low Voltage Fuse (LV Fuse)

- Voltage Rating : 400-690V
- Current Rating: 0.5A to 1250A
- Breaking Capacity: 80KA to 120KA
- Operating Class: gG/gL/gM
- Standard: BS88 / IEC 60269 Part 1 & 2
- Mounting Style: Bolted / NH Bladed / Cylindrical type



High Speed Fuse (Semiconductor Fuse)

- Voltage Rating : up to 4000V
- Current Rating: up to 7500A
- Breaking Capacity: 300KA
- Operating Class: aR / gR
- Standard: IEC 60269-4, DIN 43653 and 43620,
- Mounting Style: Bolted / NH Bladed / Cylindrical type / Flush End Contact



Hybrid Electric Vehicles (EV Fuse)

- Voltage Rating : up to 500V/1000V DC
- Current Rating: up to 600A
- Standard: ISO 8820-8, JASO D622 amongst others
- Mounting Style: Bolted / Cylindrical type / Flush End Contact
- Manufactured under a TS16949 quality system
- ROHS / Reach

PV fuse for solar application and XL battery storage Fuses for Energy Storage application

- Max rated voltage 1500VDC
- Max current for PV fuse 600Amps
- Max current rating for energy storage fuses 2000Amps.
- Standards for PV fuses IEC60269-6, UL248-19
- Standards for Battery storage fuse IEC60269-7
- ROHS and REACH compliant
- Breaking capacity 100KA



EV charging infrastructure and Energy Storage for Residential and Commercial Projects

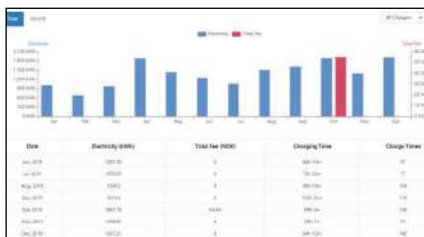
- Residential wall-mount AC Charger from 7kW - 11kW
- Commercial building wall-mount AC Charger from 7kW - 22kW
- Commercial building DC Charger upto 120kW EV Charger module design
- Charging Management Software Implement Multiple API (Application Programming Interface) Platforms



EV charging infrastructure Management system

The management system is designed for operators to manage the charge points and the charging service to all users. The future of charging is smart, and our management system is equipped with future-proof features. The system works on the cloud, which enables us to update new features rapidly.

- Remotely monitor and manage the chargers, set prices, and limit usage and charging facilities.
- The Smart Charge feature enables you to limit the maximum power of chargers remotely or set a max charge load for a group of chargers
- Set prices or charging based either on the amount of electricity charged, the duration of charging events, or both.
- Review statistical data on used kWh, duration of charging event, amount of payment, etc



Payment & Billing



Statistics and administration

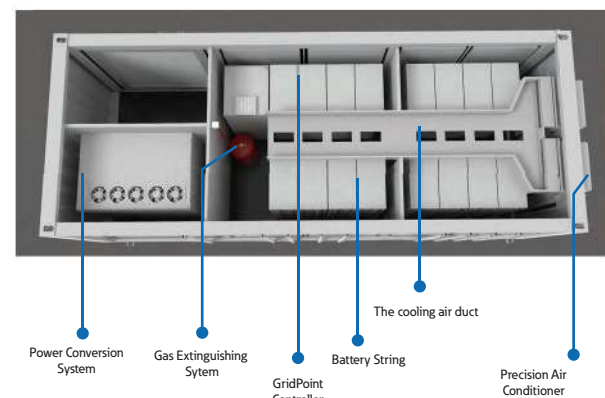
Energy Storage System (ESS)

Energy Storage System (ESS) is a high-energy-density product specially designed for small and medium-size commercial and Industrial applications. It consists of design sets of standard Lithium Ion battery strings and is equipped with fire protection and electrical units complying with International related standards. An environmental control system is also built in the container which increases the service life of the battery system. Intelligent battery management system technologies are leveraged to improve the safety of the system in its lifespan.



Features:

- LFP Battery module, stable discharge platform, good safety performance, long cycle life
- Three-level battery management system, support over-charge, over-voltage, and other functional protection, with fault classification processing mechanism
- Modular design, support elastic expansion and front maintenance
- Compatible with PCS (Power Conversion System) of international mainstream manufacturers to achieve friendly interconnection
- Equipped grid point controller (GPC) to achieve 7*24 hours of online monitoring of the energy storage operating environment





Final Low Voltage product Range

- MCB - 0.5A to 125A in B,C & D Curve
- Isolator - 16A to 125A
- RCD - 16A to 125A, 30mA, 100mA, 300mA & 500mA
- **Arc Fault Detection Device, Digital RCCB**
- Distribution board range IP 43 & IP 42 - SPN, TPN, Plug & Socket, TV/TELEPHONE, PPI, Seven Segment, Eight Segment, Flexy tier



Photovoltaic Products & Combiner Box (PV Fuse)

- DC MCB upto 500V DC & SPD upto 1500V DC
- DC Disconnector in 1000V & 1500V DC upto 1600A
- DC MCCB upto 600A in 1000V DC
- DC Contactor upto 600A in 1000V DC
- Fuses & Combiner box



Contactors & Overload Relays

- 10A Control Contactor with AC or DC Coil
- 7A to 1600A Power Contactor in AC-3 Duty, Upto 2600A in AC-1 Duty
- Above 500A Vacuum Contactors
- OLR (Thermal & Electronic)



MPCB

- Push button & Rotary Type MPCB upto 65A
- PKE Electronic MPCB upto 65A
- Higher Breaking Capacity upto 150KA
- DIN Mounting



Pilot Devices

- 16.5mm, 22.5mm & 30.5mm
- Emergency Switch and Foot Switches
- Buzzer, Potentiometers, 4Way Switch & Joy Stick
- Safety PLC Relays & Switches, Limit Switches, Pressure Switches & all kind of Sensors
- Enclosed switch-disconnectors and rotary cam switches
- T Rotary Cam switches and P Switch-disconnectors



Automation Products

- PLC
- HMI
- I/O Units
- Smart Wire Darwin System



MCC Products

- Soft Starters
- Variable Frequency Drives
- iMCC (Intelligent Motor Control Center)



UL Portfolio Products

- NEMA Contactors & Starters
- UL MCCB & ACB's
- UL MCB & RCCB
- UL Disconnector & Rotary Switches

To know more about our products, please contact Eaton representative

POWER QUALITY PRODUCTS

Single Phase & Three Phase UPS, ePDUs, ATS, Services & Softwares

Eaton's heritage in industry -leading UPS design and production

For more than 50 years, Eaton has been safeguarding the critical systems of businesses across the globe. Whether protecting a single desktop or a large data center, Eaton solutions provide clean, uninterrupted power to keep mission-critical applications working. We offer a comprehensive range of environmentally sensitive, efficient, reliable UPSs, surge protective devices, power distribution units (PDUs), remote monitoring solutions, meters, software, connectivity solutions, enclosures, and professional services. We work with IT and facilities managers to effectively manage power in virtually every business segment, including data centers, retail outlets, healthcare organization's, governmental agencies, manufacturing firms, broadcasting companies, financial institutions, and a wide variety of other areas. Our solutions provide the power to make a difference, helping you achieve your business goals while maintaining an environmentally sustainable enterprise.

Single Phase UPS Solutions

PC, Workstation and Home AV UPS

- Eaton Aurora 600 VA-1000 VA * Line interactive UPS. (*Available with Lithium-ion also)

Network and Server (1:1)

- Eaton 9SX-1/2/3 kVA Rack and Tower Convertible Online Double Conversion UPS.
- Eaton 9PX 1-8kVA Rack and Tower Convertible Online Double Conversion UPS.
- Eaton DX-RT 06-10 kW Rack and Tower Convertible Double Conversion UPS.
- Eaton 9E-IN 1-10 kVA Online Double Conversion UPS.
- Eaton 9PX Lithium-ion 1-3kVA Online Double Conversion UPS.

Network and Server (3:1)

- Eaton 9PX 8-11 kVA Rack and Tower Convertible Online Double Conversion UPS.
- Eaton DXRT 15-20kVA(3:3/3:1/1:1) Rack and Tower Convertible Online Double Conversion UPS.
- Eaton 9145 10-15-20 kVA Online Double Conversion UPS.
- Eaton 91PS 8-30 kW Online Double Conversion UPS.



Three Phase UPS Solutions

Data Centre UPS / Facility UPS/ Industrial UPS (Monolithic)

- Eaton 93EXS UPS 15kVA-40kVA
- Eaton 93HE UPS 80-500kVA
- Eaton 93E 15kVA - 500kVA

Data Centre UPS / Facility UPS/ Industrial UPS (Modular)

- Eaton 93PS UPS 8/10/15/20/30/40 kW
- Eaton 93PR UPS 25-1200 kW (Hot - Swappable)
- Eaton Power Xpert 9395P UP 250-1200kW



Specialized Application UPS

Single Phase UPS

- Eaton 9SX-1/2/3 kVA Rack and Tower Convertible Online Double Conversion UPS.
- Eaton 9PX Marine UPS 1500 & 3000 W

Three Phase UPS

- Eaton 93PS UPS 8-40 kW
- Eaton 9PHD UPS 30-200 kW



SmartEdge Enclosure System

The SmartEdge Enclosure system seamlessly integrates multiple products to provide a single solution with high reliability, easy maintenance and remote manageability. SmartEdge enclosure system gives more value than a standard IT enclosure as it enables faster deployment with a fully integrated solution.

SmartEdge Enclosure includes the following capabilities built into one system –

- Powerful Integrated Solution
- Robust IT Enclosure
- Intelligent PDU
- UPS – Rack level Power Supply
- Monitoring Software– IPM, VPM
- Automation & Power Resilience
- Contextual Visibility
- Real-Time Remote Monitoring / Control
- Advanced Business continuity automation with VM & cluster level actions
- High Reliability
- Easy Maintenance



Power Distribution Units

Eaton e-PDU

Eaton is dedicated in delivering efficient power distribution solutions. Our range of ePDU's provides reliability, manageability & security to your IT Racks. Manage your IT Rack's Power Distribution with Eaton range of ePDU's

- Equipped with Advanced Network Management Controller (NMC)
- Manage up to 04 ePDUs through a single IP address
- ePDU's are delivered with Color Outlet Combination for user identification + For Phase Identification
- Easily Monitor your PDU through IPM Software
- High Accuracy Metering and Future Proofing
- Environmental Monitoring with plug and play support for up to 3 digital sensors - Temperature, Humidity, Door Open/Close Sensors
- Locking IEC power cords provide protection against accidental power loss of your attached IT equipment when used with any Eaton ePDU



Brightlayer

Brightlayer: Bringing the digital future into focus

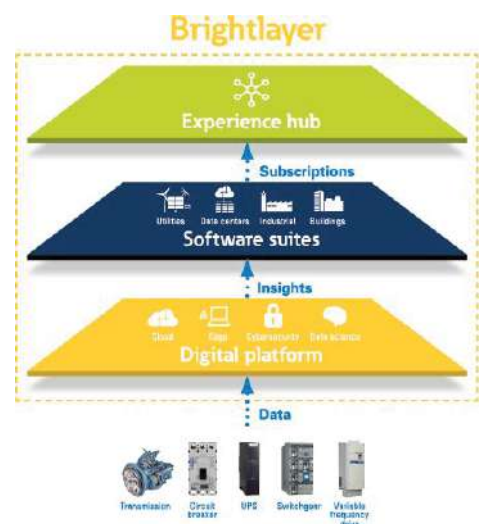
Reveal the possibilities embedded in your data and optimize your operations with a new perspective on achieving your digital transformation goals.

No matter how you want to drive digital enablement, Brightlayer lets you access data, insights and digital solutions to best meet your business needs. It all starts with your assets and the data they can provide you. We're focused on helping you capitalize on the data and insights from those assets to drive operational value.

Brightlayer software suites are organized to address the specific needs of the markets we serve. It's our "depth of field" that's the key to helping you address your critical power management needs.



Starting with the data produced by assets, Brightlayer gives you the tools to use that data to solve your power management challenges.



IPM

Intelligent Power Manager (IPM) software for disaster avoidance application provides the tools needed to monitor and manage power equipment in physical or virtual environments to keep IT devices running during a power or environmental event.

Integration with IT industry leaders

- Achieve more with less
- Reduce capital expenses
- Contextual visibility of power metrics and constraints
- Automation & Resiliency - Simple wizard-based automation configuration
- Reduce the risk of downtime
- Keep mission critical applications running with automated corrective actions?
- Nutanix Ready, including Acropolis Hypervisor (AHV)

Intelligent Power Manager
Optimize Edition

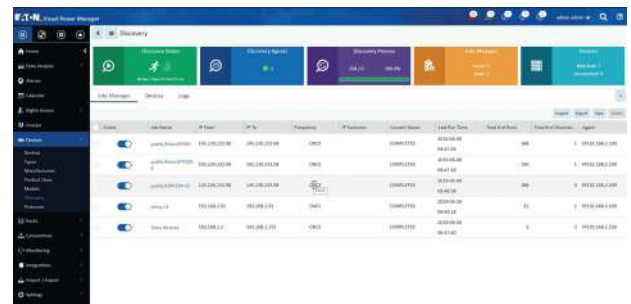


Eaton Visual Power Manager (VPM)

Eaton Visual Power Manager (VPM) software provides IT managers of data centers and distributed IT environments the tools to monitor their power devices—including all UPSs and PDUs.

- Power infrastructure monitoring
- Rack level analytics
- Floor layout and rack builder
- Reporting and automatic escalations
- Multitenancy

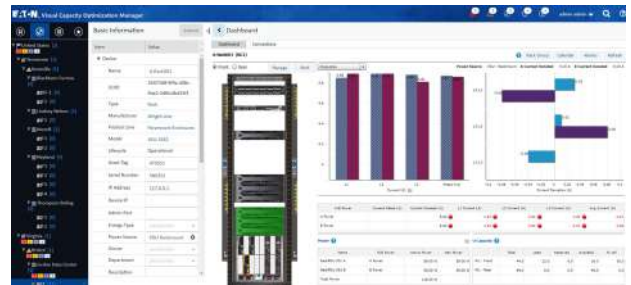
Visual Power Manager



Eaton Visual Capacity Optimization Manager (VCOM)

- Remotely monitor, analyze and manage your data center
- Entire infrastructure monitoring
- Asset management
- 3D visualization
- Capacity planning
- HTML5 interface
- Includes VPM software features (above)
- Environmental monitoring

Visual Capacity Optimization Manager



Eaton Foreseer®

Eaton's Foreseer is an electrical power monitoring system (EPMS) that connects an operation's vast array of devices, regardless of the manufacturer or model.

- Vendor Neutral
- Support 1600 devices
- Support all communication protocols
- Integration with existing BMS



CYME

From capacity planning, complete with renewable power and storage simulations, to substation operations and more, the Brightlayer Utilities suite offers the software required to manage the grid and plan equipment upgrades and new installations. Measure grid efficiency, identify system faults and support load sharing to reroute power for fewer outages, less downtime and significant operating expense reductions.

Eaton's CYME software solutions provide system modeling for planning and optimizing industrial power networks with the latest devices and controls include both AC and DC equipment.



About EAT•N

Eaton's mission is to improve the quality of life and the environment through the use of power management technologies and services. Eaton provides sustainable solutions that help its customers effectively manage electrical and mechanical power – more safely, more efficiently, and more reliably. Eaton's 2021 revenues were \$19.6 billion, and the company sells products to customers in more than 175 countries. Eaton has approximately 85,000 employees. Eaton firstly established a presence in the Asia Pacific region during the 1970s. Since then, the company's presence has grown significantly with a fast-growing network of sales and marketing offices, manufacturing plants, service centers and research facilities in the region.

Today, we have nearly 17,000 employees, 6 R&D centers and manufacture in 34 manufacturing facilities in countries and regions including China, India, Japan, South Korea, Singapore, Indonesia, Thailand, Philippines and Australia for all of Eaton's distinct business.

Eaton Power Quality Private Limited, India is a 100% subsidiary and a part of electrical sector of Eaton Corporation. We are catering to every industrial segment with versatile solutions which includes Switchgear: LV & MV Solutions, Fusegear: LV & MV solutions, UPSs and software solutions

Operating in
175
countries

85,000+
employees

100+
years of
experience

\$ 19.6
BILLION IN
SALES 2021

18,000+
patents

The Fusion Of Our Heritage

Meeting power management needs around the world



POWERWARE



INNOVATIVE SWITCHGEAR

ULUSOY

HUYU



1979 - 1994

2004

2008

2013

2019 - 2021

Integration with industry leaders save you time and money



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