

Power Solutions

Eaton Powerware Products

UPS Systems:

1Ø: 350VA to 18kVA, Rack Mount, Modular and Tower UPS Systems
3Ø: 10kVA to 1100kVA, IGBT Rectifier/Inverter Transformer-less Based
3Ø: 12kVA to 60kVA Modular Rack Based Solutions High Efficiency
Solutions: 94% to 99% with ESS and VMMS Features
Parallel Systems: Central Bypass & Distributed Bypass to 6000kVA
UL 924 Lighting Inverters (6.8kW to 72kW)

PDU, ePDU, RPP, PDR & STS:

Power Distribution Units (PDU): 30k VA to 300kVA Ratings
Remote Power Panels (RPP): Up to 4, 42 Circuit Panel Boards
Static Transfer Switch (STS): 200 A to 4000A, 208VAC to 600VAC
Rack Power Distribution (ePDU): 1Ø & 3Ø Power Strips. Metered & Managed
Server Racks with Cable and Air Flow Management

Monitoring Systems:

Individual Battery Monitoring: Cell Watch Battery Monitoring
PowerXpert Web Based Monitoring & Meter Solutions
Network Power Management & Shutdown Solutions
3Ø: Modular Platforms available 12kW, 50kW and 250kW for flexible growth and redundancy



Russelectric - Generator Control Products

Automatic Transfer Switches:

ATS: 3 Cycle & 30 Cycle Ratings: 100A to 4000A to 600VAC
Bypass Isolation: 3 Cycle & 30 Cycle Ratings: 100A to 4000A to 600VAC

Generator Control Switchgear/Power Control Systems:

Emergency Power, Soft Loading, Load Curtailment, Peak Shaving
Utility Paralleling, Cogeneration and Prime Power: 480VAC, 5KV & 15kV Ratings

SCADA: Custom Supervisory Control and Data Acquisition software solutions



Starline - Track Busway by Universal Electric

Plug-In Raceway:

Available in 20A, 40A or 60A ratings at 120/208VAC or 277/480VAC 3Ø

Starline Track Busway:

3Ø, Flexible & Configurable Overhead Track Busway: 40A to 800A, up to 600VAC
Modular, build as you need design with monitoring and metering features



Vycon - Flywheel Energy Storage Systems

Freestanding DC Flywheel:

Single Flywheel to provide up to 300kW Power Ratings
Works in conjunction with Static UPS to provide flywheel ride thru up to 1MW

FieldView Solutions – Data Center Infrastructure Management (DCIM)

Performance Management – Energy Efficiency – Reporting – Sustainability – 100% Browser Based
Software Platform – Which integrates all real time facilities and IT sub systems into one manageable entity
Packaged Software – Vendor agnostic – 100% browser based – Thermal Mapping – Co-location solutions
bringing all disciplines together.



Online Power – UL 924 Lighting Inverters

Lighting Inverters: 3kVA to 62.5k VA 1Ø & 3Ø

Harsh Environment & Power Conditioning Products: 1kVA to 750k VA, 1Ø & 3Ø

La Marche Manufacturing – Battery Chargers & Rectifiers

Battery Chargers:

Industrial from 12, 24, 48, 130VDC with output of 3 to 400Amps
Rectifiers: Telecom from 24 - 48VDC

Current Technology – TVSS Surge Protection Devices

Surge Ratings from 40kA to 300kA



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Cooling Solutions

Stulz - Mission Critical Cooling Solutions

Mission Critical Cooling Solutions providing Chilled Water, DX Air Cooled, Water Cooled and Glycol Cooled Units. Air and Water Side Economizers provided by the factory for most unit selections.

Indoor Solutions:

Ceiling Units: Capacities from 1 ton to 10 tons Chilled Water and DX Cooling.

Perimeter Floor Mounted Units: Chilled Water Capacities 1 ton to 214 tons.

DX Capacities from 2 tons to 30 tons.

Row Based Cooling, Outside Air Economizer Mixing Boxes and EC Fan Retrofits for legacy Equipment.

Outdoor Solutions:

Air Handling Units and Package Units: Capacities from 12 tons to 153 tons Chilled Water and DX Cooling.

Modular Cooling Unit: Capacities from 30 tons to 69 tons Chilled Water and DX Cooling.

Humidification:

Ultrasonic Humidifiers: Adiabatic Humidification 1.1 to 39.6 lbs/hr.

Water Treatment options available for Deionized and Reverse Osmosis.



Eaton-Wrightline Aisle Containment

Prevents hot and cold air from mixing in a hot/cold aisle arrangement.

Increase Energy & Capacity of CRAC units.

Easy to install in a new or existing data center.

Eaton-Wrightline Rack Enclosures and Accessories

Rack Heights of 40U, 44U, and 51U

Rack Depths of 37.25", 42" & 48"

Passive Heat Management:

Chimneys, Blanking Panels, Rear Door Heat Exchangers.

Cable Management Systems.

Rack Security:

Mechanical locking systems Electromagnetic locking systems.

Smartcard/Magnetic card reader and coded locks.



Coolcentric:

Computer Room/IT Cooling Solutions.

Fan-less Passive Rear Door Heat Exchangers for Worlds Most efficient Cooling Solution.

Low Density, Medium Density, & High Density Solutions (Up to 12kW, 33kW and 40kW)

Interface directly to existing Server & Equipment Racks.

Spot Cooling Systems

1 to 5 Tons / 115, 208/230 and 460 Volts.

Portable & Flexible Cooling Solutions.

Easy to install – Rolls in to place.



PermAlert: Liquid Leak Detection Systems

Acids, Bases, Solvents, Hydrocarbon & Water-Based Liquids.

Multiple Sensing Cables from a Single Panel.

Detect Multiple Leaks on a Single Cable Single Point Probes & Float Switches.

ModBUS Interface & Remote Monitoring Software.