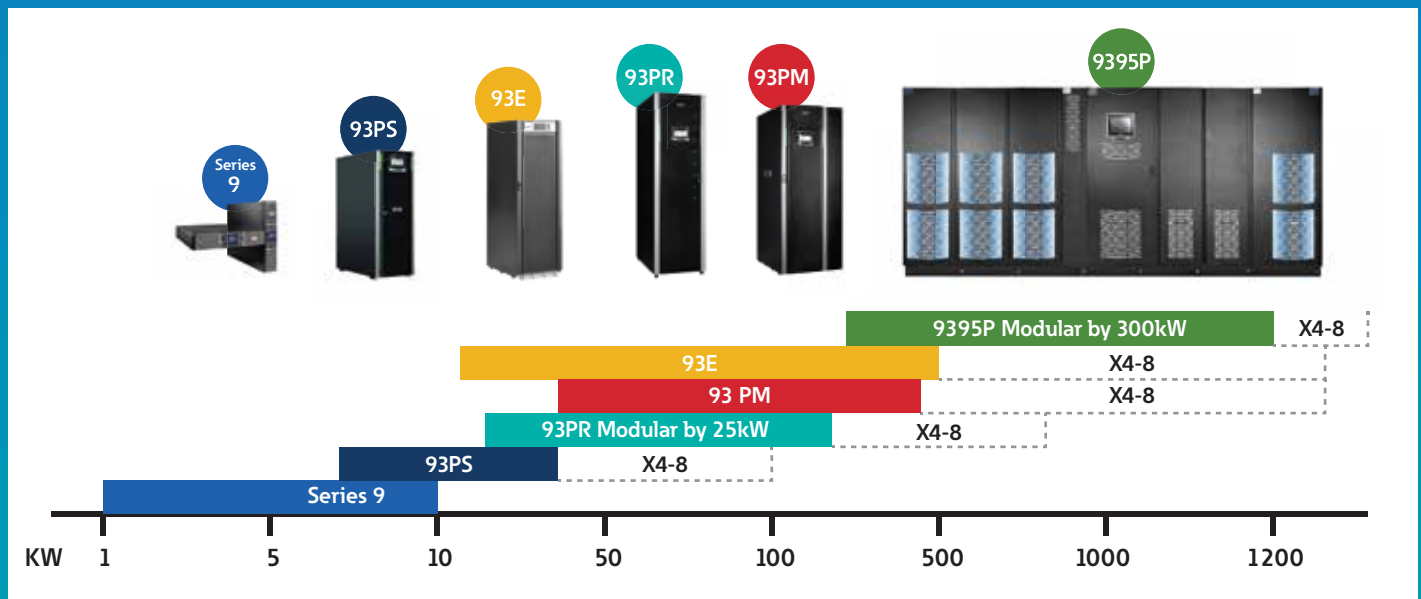


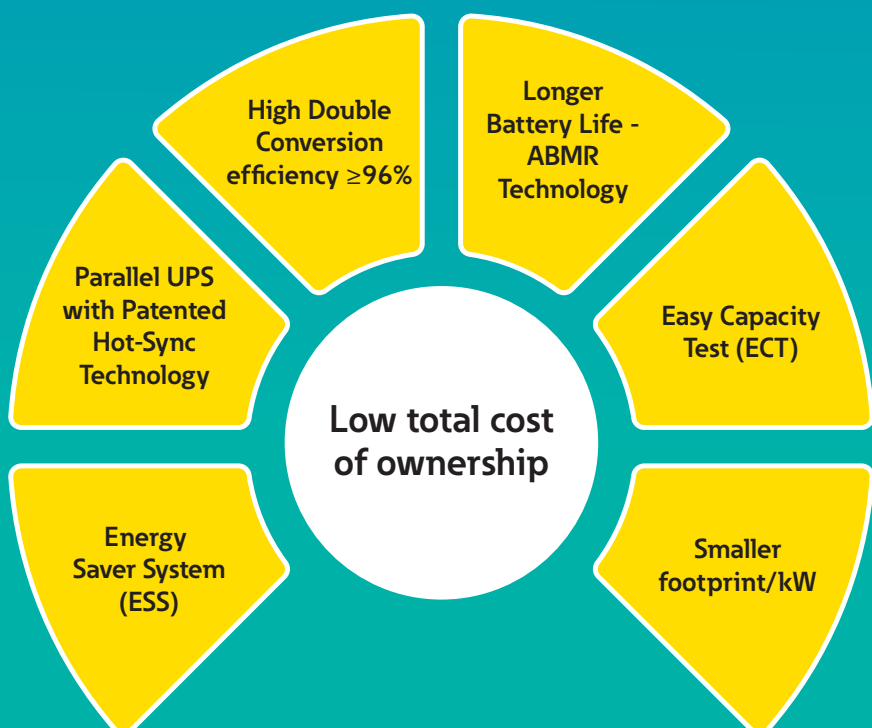
## Power quality range that fit's any need

### UPS solutions from 600VA to 9.6MW range, ePDUs and Software solutions

Eaton offers the largest selection of power management and protection solutions available in the industry. From the desktop to Datacenters, from AC-powered to DC-powered equipment, Eaton is one-stop solution provider for all your power needs.



### Manufacturing Capacity upto 1200kW UPS



Efficient

Modular

Scalable

Resilient

# PC, Workstation and Home AV UPS

## Eaton Aurora UPS (600 VA-1000VA)

### Line interactive UPS

- Microprocessor Controlled Design
- Double Boost & Buck Automatic Voltage Regulation
- Wide input voltage and frequency ranges
- Small footprint for easy installation on or under a desk
- Green Power function prevents battery discharge when no load is connected



# Network and Server UPS

## Eaton 9130 UPS (700VA – 6kVA)

### Online Double Conversion UPS

- Up to 95% efficiency in online double conversion mode and 98% in high-efficiency mode
- Expand IT System with more Power - 0.9 power factor to protect equipment
- **ABMR technology** extends battery life upto 50% with Hot-swappable batteries
- **Extends battery runtime** for critical devices with load segments (except for 5/6kVA models)
- IPM software is compatible with all major operating systems



## Eaton 9PX UPS (1kW-3 kW)

### Rack and Tower Convertible Online Double Conversion UPS

#### Performance and Efficiency

- First UPS in its class to provide Unity power factor (VA=W)
- Energy Star qualified
- Versatile Rack/Tower form factor

#### Manageability

- The graphical LCD display
- 9PX can meter energy consumption right down to the managed outlet groups
- Load segment control

#### Availability and flexibility

- Available in RT2U format or RT3U
- Internal bypass allows service continuity in case of internal fault
- Longer battery life: Eaton ABMR technology
- Extended battery runtime with upto 4 hot-swappable EBM



## Eaton 9PX UPS (5kVA – 11kVA)

### Rack and Tower Convertible Online Double Conversion UPS

#### Performance and Efficiency

- Up to 95% efficiency in online double-conversion mode and 98% in high-efficiency mode
- Maximum power with 0.9 Power Factor
- Most compact solution with RT (Rack/tower) versatile form factor

#### Manageability

- UPS's status and measurements on a single screen with new graphical LCD
- Capable to meter energy consumption
- Load segment control enables prioritized sequential start-ups.

#### Availability and Flexibility

- Internal bypass to allow service continuity for any internal fault
- Parallel operation (power increase or redundancy) to achieve twice the power of unitary product using HotSync technology
- Longer battery life: Eaton ABMR battery management technology
- Extended battery runtime with up to 12 EBM (automatic EBM detection)
- Designed for Virtualized IT environments and integration with VMware, HyperV, Citrix XEN, Redhat KVM



## Eaton 9E-IN UPS (1kVA-3 kVA)

### Online Double Conversion UPS

- IGBT Based Rectifier True Online Double Conversion Robust design
- Double Conversion Efficiency >91% & ECO mode efficiency up to 98%
- 100% load @ 0~40C operating temp.
- Active Input Power Factor Correction 0.99.
- O/P power factor 0.9 (O/P power factor 0.8 for long backup model)
- Digital Charger Technology provides 02-10 A charging current



## Eaton 9E-IN UPS (6-10 kW)

### Online Double Conversion UPS

- IGBT Based Rectifier True Online Double Conversion
- Wide Input Voltage window (110 – 275Vac) for Harsh Condition.
- Double Conversion Efficiency upto 95%.
- Active Input Power Factor Correction 0.99.
- Unity Output Power Factor.
- Digital Charger Technology provides 0-12 A charging current.



### Eaton 9155 UPS (8-30 kVA)

#### Online Double Conversion UPS

##### Premium power performance

- A transformer-free design
- Active power factor correction (PFC)
- Maximum power with 0.9 Power Factor

##### True reliability

- ABMR technology charges batteries only when necessary
- Internal batteries eliminate the need for costly and space-consuming external battery cabinets.

##### Cost savings and sustainability

- The 9155 features high up to 92%
- Compact and efficient tower design offers smaller footprint



### Eaton DXRT UPS (6-10 kW)

#### Rack and Tower Convertible Online Double Conversion UPS

- IGBT Based Rectifier True Online Double Conversion
- Rack & Tower Convertible, Higher power density (only 2u and <600mm depth for 10K)
- Double Conversion Efficiency upto 95%.
- Active Input Power Factor Correction 0.99.
- Unity Output Power Factor.
- Digital Charger Technology provides 0-12 A charging current.



### Eaton Blade UPS (12-60 kW)

#### Online Double Conversion UPS

Designed for data centres – to ensure maximum uptime and efficiency

##### Simply scalable

- Scalable architecture to design, scale and grow your data centre as per growing demand
- 12 kW to 60 kW N+1 mounted in a single IT rack enclosure, with multiple power distribution options

##### Highly flexible

- Extremely flexible and supports multiple configurations including power protection in each rack
- Simply redeploy and reuse for any IT changes
- Multiple external batteries can be added to increase runtime
- Multiple power distribution options - Rack Power Module (RPM), ePDUs or hardwired

##### Highly efficient

- Optimize your operational expenditure with 98% efficiency, 65% less heat dissipation and reduced footprint
- 60 kW N+1 solution could save over 20,000 in 5 years in energy costs alone
- Prolong battery life by 50% with ABMR technology



### Eaton 91PS UPS (8-30 kW)

#### Online Double Conversion UPS

##### Lowest total cost of ownership (TCO)

- Highest efficiency in its power range with above 96% efficiency
- Smallest footprint, only 0.25 m2
- Unity PF (1.0), more real power than many of its rivals

##### Maximum availability

- Equipped with ultra-rapid fuses in the Static Switch ensuring safety in all scenarios
- Equipped with back-feed protection no need for additional installments
- ABMR – Intelligent battery charging
- 91PS and IPM software suite takes the resiliency of the system



## Datacentre and Facility UPS

### Eaton 93E-XL UPS (10kVA-40kVA)

#### Online Double Conversion UPS

- Lower operating costs through 98% efficiency
- Inbuilt batteries with extended runtime design to save footprint
- Flexible and scalable runtime, upto 30 minutes of backup time for 40kVA in a single frame
- UPS Status and easy controls with Large LCD graphically displays
- IPM Software monitors and manages multiple power devices across your network



### Eaton 93E UPS (10kVA – 200kVA)

#### Online Double Conversion UPS

- Lower operating costs through 98.5% efficiency
- Optional Inbuilt Transformer & Regenerative kit for critical power to lift and other applications
- Flexible and scalable runtime, upto 30 minutes of backup time for 40kVA in a single frame
- UPS Status and easy controls with Large LCD graphically displays
- IPM Software monitors and manages multiple power devices across your network



### Eaton 93E-HE (80kVA – 500kVA)

#### Online Double Conversion UPS

- Lower operating costs through 99% efficiency
- Up to 60% smaller footprint & optional Common battery configuration upto 2 UPS's in parallel
- UPS Status and easy controls with Large LCD graphically displays
- IPM Software monitors and manages multiple power devices across network
- ABMR enhances battery life, reliability and predictability



### Eaton 93PS UPS (8kW – 40kW)

#### Online Double Conversion UPS

Lowest Total Cost of Ownership (TCO)

#### Efficiency

- Above 96% efficiency in double conversion mode
- Up to 99% efficiency with Energy Saver System

#### Scalability

- Scalable architecture and 'Pay as you grow' capability to minimise Capital Expenditure Inherent redundancy
- Modular design allows internal redundancy

#### Smallest footprint in the market

#### Unity power factor (1.0)

#### Hot Swap and Hot Scalable



### Eaton 93PR UPS (25 -200kW)

#### Online Double Conversion UPS

- Maximum double conversion efficiency reaching above 96%.
- Optimised double conversion efficiency - Variable Module Management System (VMMS)
- Energy Saver System delivers superior > 99% efficiency
- Hot swappable and hot scalable with Large, user-friendly 7" LCD touchscreen interface
- ABMR and unique charging algorithm and automatic battery tests for ease maintenance



### Eaton 93PM UPS (30-400kW)

#### Online Double Conversion UPS

- Lowest total cost of ownership
  - Up to 97% efficiency in double conversion and 99% efficiency with ESS
- Highly scalable and reliable
  - Scalable architecture and 'Pay as you grow' capability to minimise CapEx
- Easy deployment
  - Thermal management support allows for flexible installation against the wall, in rows and in hot/cold aisle configurations
  - Fast MTTR (mean time to repair).
- Easy management
  - Web and SNMP interface with IPM for advanced systems



### Eaton PowerXpert 9395 UPS (250-1100kVA)

#### Online Double Conversion UPS

- Leading sustainability is achieved with innovative UPS design and its high efficiency
- Strong power performance with active power factor control (PFC)
- Highest availability and reliability is achieved with Powerware HotSync paralleling technology
- Reliable backup with scalable runtimes are enhanced with Advanced Battery Management (ABM™)
- Robust manageability is delivered with advanced control and connectivity options



### Eaton 93 STS

100/250/400/630/800/1000/1250AT

- Rated from 100A to 1250A.
- Available in 3- and 4-pole versions.

#### Reliable performance

- Continuous monitoring of sources ensures automatic and instantaneous power transfer, without cross-connecting the sources.
- All the system control boards feature redundant internal power distribution.
- A dual manual bypass is built in, to enable safe maintenance with no disruption of the power supply.
- A global installed base reflects the widespread acceptance and popularity of the Eaton 93 STS.

#### Connectivity and easy management



### Eaton Power Xpert 9395P UPS (250 – 1200kW)

#### Online Double Conversion UPS

- Lower total cost of ownership
  - Exceptionally high double conversion efficiency throughout wide load range
  - Energy efficiency improving technologies - ESS, VMMS
  - Compact footprint achieved through increased power density
- Greater resiliency
  - Advanced design and technologies
  - Patented load-sharing technology
- Greater flexibility
  - Modular design enables easier scalability and greater adaptability
- Easier maintenance
  - Modular design enables quicker and more cost-effective maintenance and repair, even while the UPS is supporting the load

# Marine & Industrial UPS

## Eaton 9PX Marine UPS (1500-3000W)

### Double Conversion UPS

#### Reliability

- With coated boards and hi-temperature environment compatibility
- Stronger, longer battery life: Eaton ABM battery management technology
- DNV-GL type approved UPS.

#### Performance and efficiency

- 9PX Marine is the first UPS in its class to provide Unity power factor (VA=W).
- 9PX can meter energy consumption right down to the managed outlet groups.
- Energy Star qualified

#### Manageability & Flexibility

- The graphical LCD display provides clear information on the UPS's status and measurements on a single screen
- More runtime can be added with up to 4 external hot-swappable battery modules, able to run systems for hours if necessary.



## Eaton 9155M and 9355M UPS (8-40kVA)

### Double Conversion UPS

#### Qualified design for marine and offshore environment

- DNV type approved UPS
- BV type approved UPS
- IP22 protection class
- Vibration absorbers under and at the back of the cabinet

#### Premium power performance

- Active power factor correction (PFC)
- The UPS is optimized for protecting modern 0,9 p.f

#### True reliability

#### Extensive configurability



## Eaton 93PS Marine UPS (8-40kW)

### Double Conversion UPS

#### Ease of deployment

#### Ease of maintenance

- Hot Swap power modules means typical MTTR=0h
- Fully front serviceable

#### Economical to operate

- Minimal losses and associated costs due to market leading efficiency reaching above 96%
- Saves up to 650 barrels of marine diesel per UPS



## Eaton 9PHD Marine UPS (30-200kW)

### Double Conversion UPS

#### Strong and Smart Power Protection

#### Designed and Certified for Marine and Offshore

#### Designed for marine and offshore environments

- IP23 protection, Conformally coated PCB boards

#### Strong design for demanding environments

- Protection against dirt, dust, water and moisture with cover options up to IP54

#### Smart technology for maximizing reliability

- Modular design allows building fault tolerant N+1 units Smart technology for minimizing operating costs

#### Easy deployment for optimizing installation costs

- Front access for installation and service
- Lifting lugs included for easier unit handling during installation
- Suitable for 3-wire and 4-wire networks and voltage range 380V-480 V without transformers



## Eaton 9PHD Heavy Duty UPS(30-200kW)

### Double Conversion UPS

#### Strong and Smart Power Protection

#### Designed and Certified for Marine and Offshore

#### Designed for marine and offshore environments

- IP23 protection, Conformally coated PCB boards

#### Strong design for demanding environments

- Protection against dirt, dust, water and moisture with cover options up to IP54

#### Smart technology for maximizing reliability

- Modular design allows building fault tolerant N+1 units

#### Smart technology for minimizing operating costs

#### Easy deployment for optimizing installation costs

- Front access for installation and service
- Lifting lugs included for easier unit handling during installation
- Suitable for 3-wire and 4-wire networks and voltage range 380V-480 V without transformers





# Power Distribution, Energy Storage and Power Management Solutions

## Lithium-ion battery

- Cost effective
- Compact
- Safe



## Benefits of Lithium-ion battery

Save money	10 Year performance warranty 15 Year design life	
Save space	8X cycle 40% smaller 60% lighter	
Reduce risk	24/7 BMS monitoring	

## Micro Data Center

A fully integrated Data Center for edge computing and hybrid clouds

Six Key Benefits of Eaton Micro Data Center are.

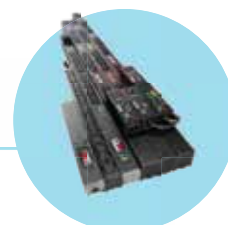
- Rapid Deployment
- Environmental Protection
- Remote Access, Operational Security
- High Reliability
- Low Total Cost of Ownership (TCO)
- Attractive, High-Tech Design



## Eaton ePDU® – Intelligent Power® Distribution

Reliable power distribution to your rack

- Managed ePDUs
- Advanced Monitored ePDUs
- Switched ePDUs



## Eaton STS 16

Provides power redundancy to IT equipment

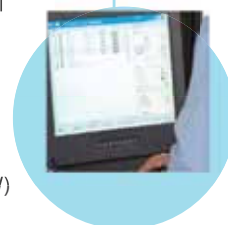
- Alternative to expensive redundant power supplies from IT vendors
- Compact, 1U rack form factor
- Seamlessly switches from one power source to the other



## Eaton's Intelligent Power Manager (IPM) software

Provides power redundancy to IT equipment

- Monitor and manage power devices in your physical or virtual environment.
- Integration with IT industry leaders
- Reduce the risk of downtime
- Keep mission critical applications running with automated corrective actions?
- Nutanix Ready, including Acropolis Hypervisor (AHV)



## About EAT•N

Eaton is a global leading power management company headquartered in USA, serving customers across the world. Our proven technologies enable customers to generate more power using fewer resources, answering the demands of today's fast changing world. Eaton products and services provide the power inside thousands of products and projects – from energy efficient buildings, cities, infrastructure to next generation aircraft, cars, trucks and machines. Eaton is a Fortune 500 company recognized amongst the most admired firms in our industry.

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

**100,000+**  
employees

**100+**  
years of  
experience

**\$ 21.6**  
Billion USD  
in sales

**18,000+**  
patents



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