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Product offerings that meet and exceed the challenge of electric power protection

- Mission Critical Applications in Data Centers & Networking
- Harsh Environments
- Industrial
- Medical Devices
- Military
- Telecom and Cable Head-Ends
- Traffic/ITS
- Wireless

Scalable, Double Conversion (On-Line) & Line Interactive UPS



- **Symmetra - (2-16kVA N+1 Redundant Rack or Tower)**
Highly available, redundant and scalable double-conversion on-line power protection
- **Smart-UPS - (1-20kVA Rack/Tower Convertible)**
High density, double-conversion on-line power protection with scalable runtime
- **Smart UPS VT (10 to 40kVA (30kVA in 208V))**
Compact three phase power protection with excellent efficiency and hot scalable runtime for small data centers
- **Symmetra PX - (10 kW to 2 MW)**
High performance, right-sized, modular, hot-scalable, 3-phase power protection with ultra-high availability

Traffic/ITS, Medical and Extreme Temperature UPS:

Single Phase, Double Conversion (On-Line); Offering Range

- 1,250VA-3,000VA. Output current 8.3A-20A

CLARY
The Continuous Power Company™





PRODUCTS AND SERVICES

9390 (20-80kVA)



BACKUP POWER (UPS)

- Workstation & Home Use UPS
- Network & Server UPS
- Data Center & Facility UPS
- Marine UPS
- TAA Compliant UPS

POWER DISTRIBUTION

- Rack-mounted Power Distribution
- Floor-based Power Distribution

POWER CONDITIONING

- Power Conditioners

SURGE SUPPRESSION / TVSS

- Surge Protection & Suppression by Cutler-Hammer

Topology Offered in Eaton UPS Product line: Line Interactive Online Scalable Redundant

DC POWER PLANT (TOTAL SYSTEM OFFERINGS):

Switch-mode Rectifier Systems: +24vdc & -48vdc power plants:

- Mini-Plant Series: 1 - 200Amp
- Small Series: 250 - 600Amp
- Medium Series: 700 - 2,000Amp
- Large Series: 2,500 - 10,000Amp

DC Chargers/Ferroresonant Type

- microprocessor control
- SCR rectification
- Single & Three phase input available
- 12, 24, 48 & 130vdc output
- 25 - 1,000A dc output



NOTE: All dc systems when quoted can include VRLA Batteries or optional Flooded Batteries 20 year design life.



PROFESSIONAL POWER PROTECTION



9900B Series

Design: Double Conversion On-Line Topology

Power Ratings: 300kVA/300kW,
500kVA/500kW, 750kVA/750kW

Voltage Options: Input: 480; Output: 480

Design Features:

- * Fully Digital, CSTBT (IGBT) Inverter and Converter Design
- * Low Input Harmonics, Internal Static Bypass
- * 3 Level Power Conversion Technology
- * Dual Input
- * Front Access Only, 1.1:1 Generator Sizing
- * Available for Parallel Redundant & Capacity Applications (*Up to 8 Modules*)
- * Advanced Circuit Topology and PWM
- * Board Level Self Diagnostics
- * UPS Modules UL 1778 Listed
- * 97% Efficiency @ 50-100% Load Typical,
- * Power Factor 1.0
- * Drilled for NEMA 2 Hole Compression Lugs
- * OSHPD Seismic Certification Available
- * **Three (3) Year Parts and Labor Warranty**



DiamondPlus™ 1100

Design: Double Conversion On-Line Topology

Power Ratings: 10, 20, 30, 40, 50 kVA

Voltage Options: Input: 208/120V Output: 208/120V

Design Features:

- * Modular Design
- * 20 kVA and Above Can be Operated as a Capacity System or as N+1 Redundant System
- * Hot Swappable and On-Line Upgradeable
- * >93% Efficiency
- * Internal Battery Available for 10/20 kVA Models or External Batteries Available for All Models
- * Compact Design: 19.7"W x 27"D x 55.1"H
- * 0.9 Power Factor
- * Cable Entrance on Bottom, Side and Rear
- * **Two (2) Year Parts and Labor Warranty**





Self-contained, high-density, cost-effective, mobile energy efficient Micro-Modular Data Centers



Technologically advanced flywheel energy storage- systems that enable a highly reliable, cost-effective and “green” energy storage solution for a variety of Applications as DC source for UPS Systems

The VDC product supports:

- Data Centers
- Healthcare facilities
- Mobile Power
- Industrial Plants
- Casinos

The Flywheel can be repackaged for smart grid energy storage and wind power as well as shipyard cranes and traction power in rail.

