Eaton 9395XC UPS

1500 kW / 1500 kVA

Easy-deployment. Compact. Reliable.

For over a decade, Eaton's 9395 UPS family has provided proven power protection with innovative technology. The latest addition of Eaton's 9395XC UPS sets new market leading capabilities to manage growing data consumption demands today and in the future.

Compact design

- Market leading power density, providing the best kW per square foot, leaving more space for revenue generating IT equipment
- Improved room configuration layout as stand-alone UPS or switchgear integrated system
- Prefabricated power solutions allow for improved room layout and system footprint

Rapid system deployment

- World class manufacturing processes to allow shortest lead-time from order entry to commissioning
- Self-diagnostic software and tighter integration with service tools minimize onsite commissioning
- Eliminates the cost of load bank rentals and minimizes burn-in testing energy costs with the Easy Capacity Test

Best uptime and reliability

- Highest energy efficient 9395 UPS to date
  - 99 percent efficient with Energy Saver System (ESS)
  - up to 97.5 percent efficiency in double-conversion mode
- EnergyAware native capabilities support the energy transition
- Multiple internal sensors with higher computing power to provide early warning capabilities and improve condition-based maintenance
- Includes 1-year subscription to Eaton's PredictPulse™ 24x7 monitoring and management service to proactively identify component risks, reduce downtime and expedited critical alarm response; learn more at **Eaton.com/PredictPulse**
- Handles up to 0.7 leading or lagging load power factors without de-rating UPS capacity
- HotSync patented load-sharing technology enables parallel operating of static converters without communication for sync or loadshare signals
- Global network of over 2,000 support and service personnel

Efficiency and compatibility

ESS: How is it different than Eco mode?

- **Instantaneous action:** Less than two milliseconds transition time makes the UPS reaction time invisible to IT loads
- **Inherent surge suppression:** ESS provides transient suppression within the UPS—loads are protected from lightning events, even in ESS
- **Fault discrimination:** In a short circuit condition, the UPS detects the location of a fault (upstream or downstream), and reacts appropriately and instantly to protect the critical load

Powering Business Worldwide

Technical specifications:

UPS rating (unity power factor 1.0)	
kW/kVA	1500/1500
Efficiency	99% in Energy Saver System (ESS) (up to 97.5% efficiency (480V) in double-conversion)
Parallel capability	4 UPS units maximum for distributed bypass and 2 UPS units maximum with SBM
Audible noise	67dBA @ 1 meter (50% load) 73dBA @ 1 meter (100% load)
Altitude (max)	1000m at 40 degree C (104 degree F) for 1500/1500
Input characteristics	
Voltage	480V 3W
Voltage range	+10% / -15%
Frequency range	45–65 Hz
Power factor	0.99 for output loads greater than 60%
Input current distortion	<3% (no input filter required)
Soft start capability	Yes
Output characteristics	
Voltage	480V 3W
Regulation	±1%
Inverter	PWM
Voltage THD	<1% (100% linear load); <5% (non-linear load)
Load power factor range	Up to a 0.7 power factor leading/lagging without derating Up to a 0.5 power factor lagging with derating
Overload	110% for 10 min; 125% for 120 sec; 150% for 15 sec; >150% for 300 msec (UPS transfer to Bypass after OL time expires)
Battery	
Battery types	VRLA, AGM, wet cell, lithium-ion
Battery voltage	480V
Charging method	ABM technology or float, selectable

Dimensions (480V system)	
1500 kW / 1500 kVA	106"w x 33.7"d x 78.8"h

General characteristics	
Control panel	Color Touchscreen interface
Battery startup	Standard
Frequency conversion	Standard
Multi-language	Standard
Building alarm inputs	5 (galvanic isolated)
Individual fan fail monitoring	Included
Power Semiconductor Temperature Monitoring	Included

Options
External maintenance bypass
PDU, RPP and STS
Maintenance bypass module, 2/3/4 breaker
DC disconnects
Human Machine Interface (HMI) designs for monitoring of connected equipment

PredictPulse™ remote monitoring and management service

PredictPulse is the industry's first cloud-based 24x7 remote monitoring and predictive analytics subscription service to forecast data center power component failure and pro-actively replace components before failure. PredictPulse is included with the 9395XC UPS for the first year at no-charge along with Eaton Environmental Monitoring Probe Gen 2 (customer self-installs via outbound email server or optional 4G/LTE wireless modem).

Communications

Direct battery monitoring via Modbus TCP/IP from UPS ethernet port

Software compatibility: Software and Power Xpert Reporting

The Eaton Gigabit Industrial Gateway Card can be installed at any time for the following protocols: HTTPS, TLS 1.2, SNMPv1, SNMPv3, NTP, TFTP, SMTP, SMTPS, BOOTP, DHCP, SLAAC, SSH, MQTTS, ModbusTCP, Modbus RTU, BACnet IP, BACnet BBMD

Additional cards include:
- Environmental Monitoring Probe Gen 2

1. Due to continuing improvements, specifications are subject to change without notice.
2. Additional UPS sizes available soon: 750kW, 1125kW, 1875kW, 2000kW

For more information on the 9395XC, visit
Eaton.com/9395XC

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