

Power Xpert 9395C UPS

1000kW/1000kVA

1000kW/1100kVA

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Compact. Efficient. Innovative.



In 2007, Eaton launched the Power Xpert™ 9395 UPS, setting the standard in transformer-free power protection technology. The Power Xpert 9395C is the latest addition to the proven and reliable platform. 9395C is an optimized 1MW version of the 9395 high performance design that allows for an improved footprint—saving customers valuable data center floor space.

Compact design

- The small footprint and compact design of the 9395C UPS saves on valuable data center floor space
- Optional integration with switchgear further improves the footprint and simplifies site wiring reducing installation cost and eliminating wiring errors

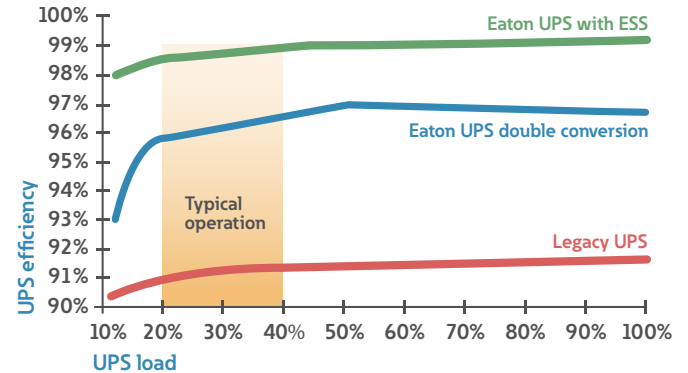
Lowest TCO

- Reduces power and cooling OPEX through industry-leading energy efficiency
 - 99 percent efficiency with Energy Saver System (ESS)
 - Up to 97 percent efficiency in double-conversion mode
- Variable speed fans lower ambient noise and extend the life of the fans
- Eliminates the cost of load bank rentals and minimizes burn-in testing energy costs with the Easy Capacity Test

High reliability and robust manageability

- Captures real-time data on efficiency, consumption and load changes with the color touchscreen
- 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 0.8 leading 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

480V UPS efficiencies



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	1000/1000	1000/1100	1100/1100
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General characteristics

Efficiency	99% in Energy Saver System (ESS) (up to 97% efficiency (480V) in double-conversion)
Parallel capability	4 UPS units maximum for distributed bypass and 8 UPS units maximum with SBM
Audible noise	78dBA @ 1 meter
Altitude (max)	1000m at 40 degree C (104 degree F) for 1000/1000 1000m at 40 degree C (104 degree F) for 1000/1100 1000m at 35 degree C (95 degree F) for 1100/1100

Input characteristics

Voltage	480V 3W
Voltage range	+10% / -15%
Frequency range	45–65 Hz
Power factor	0.99 (minimum)
Input current distortion	<3% (no input filter required)
Soft start capability	Yes

Output characteristics

Voltage	480V 3W
Regulation	±1%
Inverter	PWM with IGBT switching
Voltage THD	<1% (100% linear load); <5% (non-linear load)
Load power factor range	Up to a .8 power factor leading without derating
Overload	110% for 10 minutes, 125% for 2 minutes, 150% for 15 seconds

Battery

Battery types	VRLA, AGM, wet cell, lithium-ion
Battery voltage	480V
Charging method	ABM technology or float, selectable

Dimensions and weights (480V system)

1000 kW/1000 kVA	147" w x 34.3" d x 77.3" h	5295 lb (2402Kg)
1000 kW/1100 kVA	147" w x 34.3" d x 77.3" h	5295 lb (2402Kg)
1100 kW/1100 kVA	147" w x 34.3" d x 77.3" h	5295 lb (2402Kg)

General characteristics

Control panel	Color Touchscreen interface
Battery startup	Standard
Frequency conversion	Standard
Multi-language	Standard
Building alarm inputs	5 (galvanic isolated)

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 proactively replace components before failure. PredictPulse is included with the 9395C UPS for the first year at no-charge along with a PXGX-UPS card and Environmental Monitoring Probe (customer self-installs via outbound email server or optional 4G/LTE wireless modem).

Communications

Software compatibility: Software and Power Xpert Reporting
 Communications cards: Four communication bays standard. The following connectivity options can be installed at any time:

- PXGX-UPS card (included with PredictPulse activation)
- ModBus RTU card
- AS/400 Relay card
- Industrial Relay card
- Powerware HotSync CAN Bridge card
- Environmental Monitoring Probe (included)

Remote inputs/outputs: Five building alarm inputs and one summary alarm contact (5A @ 120V) standard

Remote monitor panel: Eight backlit status indicator lamps plus an audible horn

1. Due to continuing improvements, specifications are subject to change without notice.

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



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