

# Eaton 9395 UPS

300 kVA



Picture may change due to system requirement



## An Eaton Green Solution

Due to outstanding green performance, the 9395 has earned the "An Eaton Green Solution"™ label

### Advanced power protection for:

- Big data centers and server farms
- Financial services
- Building management
- Telecommunications
- Hospitals



# EATON

Powering Business Worldwide

## Double conversion UPS

### Premium power performance

- Double conversion provides the highest level of protection available by isolating the output power from all input anomalies.
- With a transformer-free design and sophisticated sensing and control circuitry the 9395 UPS delivers an efficiency of up to 94.5%.
- Active power factor correction (PFC) provides 0.99 input power factor and less than 4.5% ITHD, thus eliminating interference with other critical equipment in the same network and enhancing compatibility with generators.

### True reliability

- Patented Powerware HotSync® technology makes possible to parallel up to four UPSs to increase availability or add capacity. The technology enables load sharing without any communication line, thus eliminating single point of failure.
- ABM® technology charges batteries only when necessary, preventing batteries corrosion and prolonging batteries service life by up to 50%.

### Extensive configurability

- The 9395 is a completely integrated system than incorporates multiple power modules and system switchgear on factory pre-wired bases.
- A multilingual graphical LCD display makes possible to monitor the UPS status easily.
- Wide software and connectivity options provide monitoring, management and shutdown capabilities over network.

### Cost savings and sustainability

- High level of system efficiency enables reduction in utility cost, extend battery run times and ensure cooler operating conditions.
- Compared to traditional UPS design, a transformer-free UPS is only 50% the weight and occupies just 60% the footprint, thus reducing impact on shipping.
- The new design requires 50-80% less energy in manufacturing due to less energy required for testing and to the smaller configuration.
- Pre-wired configuration enables to reduce cabling busbar costs and installation time. Front accessible design minimizes installation costs and saves valuable data centre space.
- With Easy Capacity Test feature the 9395 can test its entire power train under full load stress without the requirement of an external load.
- A single technical platform used in Eaton's three-phase UPS products guarantee easy upgrades and similarity in service, thus lowering total cost of ownership.
- More than 90% of the materials can be recycled, further decreasing end-of-life impact.

# Eaton 9395 UPS 300 kVA

## TECHNICAL SPECIFICATIONS

### UPS rating (0.8 p.f.)

kVA	300
kW	240

### General characteristics

Efficiency	Up to 95%
Audible noise	< 75 dBA @ 1 meter
Altitude (max)	1000 m at 40°C
Internal N+1 redundancy capable	Yes
Field upgradeable	for redundancy
System bypass module	Included

### Input characteristics

Voltage	380/400/415
Voltage range	+10% / -15%
Frequency range	45-65 Hz
Power factor	0.99 (min)
Input current distortion	3-5% in nominal load condition
Soft start capability	Yes
Internal Backfeed Protection	Yes

### Output characteristics

Voltage	380/400/415
Regulation	± 1%
Inverter	PWM with IGBT switching
Voltage THD	< 2% (100% linear load); < 5% (standard non-linear load)
Load power factor range	0.7 lagging to 0.8 leading

### User benefits

Control panel (LCD)	8 lines x 40 characters
Frequency conversion	Optional
Remote display panel	Optional
Buildings alarm inputs	2 (galvanic isolated)

### Serviceability

Back/side against wall installation	Standard
-------------------------------------	----------

### Certification

Safety	IEC 62040-1-1
EMC	EN 50091-2

### Communications Option

Software compatibility - PowerVision®, LanSafe®, FORESEER®

Communication cards - Two communication bays standard. Maximum of four communication bays with the communication expansion option. The following connectivity options can be installed at any time.

- ConnectUPS Web/SNMP/xHub
- Modus card
- Relay Interface Card (Use for AS400s)
- Hot Sync CAN Bridge Card provides CAN communications, isolated RS-485 port
- Environmental Monitoring Probe (EMP)

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

## Part number

Single UPS	Description	ISBM Rating	Dimensions (HxWxD)	Weight
1027942	Powerware 9395-300i	300kVA	1880x1350x880 mm	830 kg
1027943	Powerware 9395-300i-IB	300kVA	1880x1350x880 mm	830 kg
1027944	Powerware 9395-300i-MBS	300kVA	1880x1350x880 mm	830 kg

Field UPS-U Upgrades	Description	UPM Rating	Dimensions (HxWxD)	Weight
1028039	Powerware 9395-300-UPS-U	300kVA	1880x540x880 mm	600 kg

-IB version with Input Breaker

-MBS version with integrated Manual Bypass Switch and with Input Breaker

UPS-U module for field n+1 redundancy upgrade

### SINGAPORE

Tel : +65 6825 1684

Fax : +65 6825 1689

EatonSEA@eaton.com

### INDONESIA

Tel : +62 21 522 6181

Fax : +62 21 522 6182

### MALAYSIA

Tel : +603 7804 3618

Fax : +603 7803 6193

### THAILAND

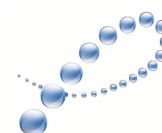
Tel : +662 946 6843

Fax : +662 519 0574

### VIETNAM

Tel : +84 4 39365 303

Fax : +84 4 39365 307



PowerChain  
Management™  
Solutions

Eaton and PowerChain Management are trade names, trademarks, and/or service marks of Eaton Corporation or its subsidiaries and affiliates.