

## Aurora UPS

*Reliable Power Protection with standard battery backup*



The Eaton Aurora Line-Interactive UPS affordably protects critical applications from downtime, data loss and corruption caused by power fluctuations and outages.

With built-in Double Boost and Buck Automatic Voltage Regulation, the Aurora is perfect for areas where the supply voltage is constantly unstable.

Designed for IT applications requiring standard power backup time, the Aurora features a microprocessor controller for managing power.

### Product Snapshot

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|                      |                                   |
|----------------------|-----------------------------------|
| <b>Power Rating</b>  | : 600/1000 VA                     |
| <b>Configuration</b> | : Tower                           |
| <b>Voltage</b>       | : 230V                            |
| <b>Frequency</b>     | : 50 Hz                           |
| <b>Technology</b>    | : High-frequency line-interactive |

### Features

- Microprocessor controller design assures maximum reliability and stability
- Double Boost & Buck voltage regulation provides stabilised output
- Stepped sine wave provides high efficiency
- Wide input-voltage range appropriate for the harshest electrical environments
- Up to 4 India type 5A output receptacles
- Auto-restart function
- Cold start on battery power allows portable power
- Compact design is perfect for placement on or under a desk
- Green Power function prevents battery discharge when no load is present

### Line-Interactive topology

This topology guarantees consistent reliability and high level of power quality. Whatever the supply disturbances, the output waveform is stabilised via double boost and buck mode. The battery is used only as a backup source.

### High performance and reliability

Aurora features a microprocessor controller that delivers modified sine wave output offering the highest levels of reliability and efficiency, all in a compact design.

### Wide Input-voltage range

Aurora has a very wide input voltage range of 140-300V, which reduces the number of transfers to battery power.

### Cold start on battery power

This function ensures trouble free start-up of your applications even during a utility power outage.

### Auto restart function

When AC power returns the UPS will automatically restart without user intervention.

### Overload protection

Alerts the user and prevents the UPS from being damaged.



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# Technical Specifications

| Model : VA/Watts                                        | 600VA/360W                                                                       | 1000VA/600W                                                                                   |
|---------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Technology                                              | Line - Interactive with Microprocessor Controlled Design                         |                                                                                               |
| <b>Input / Output</b>                                   |                                                                                  |                                                                                               |
| Nominal Input Voltage                                   | 230Vac 1 Phase                                                                   |                                                                                               |
| Input Voltage Window @ full load                        | 140 - 300Vac (load dependent)                                                    |                                                                                               |
| Input Power Factor                                      | 0.98                                                                             |                                                                                               |
| Frequency & Frequency Range                             | 50+/- 1Hz                                                                        |                                                                                               |
| Nominal Output Voltage                                  | 230V                                                                             |                                                                                               |
| Output Voltage on Battery                               | +10 % / -10%                                                                     |                                                                                               |
| Output Waveform                                         | Modified sine wave                                                               |                                                                                               |
| Input Connection                                        | C14 5A                                                                           |                                                                                               |
| Output Receptacles                                      | (3) IN 5A                                                                        | (4) IN 5A                                                                                     |
| <b>Battery</b>                                          |                                                                                  |                                                                                               |
| Battery Quantity                                        | 1 x 12V/6AH x 1                                                                  | 1 x 12V/6AH x 2                                                                               |
| Re-charge Time to 90% Capacity                          | 6 hours                                                                          |                                                                                               |
| Battery Backup Time*<br>(At a PC load with 15" monitor) | 15-20 minutes                                                                    | 30-35 minutes                                                                                 |
| Start-on-Battery                                        | UPS can be started without being connected to AC utility power                   |                                                                                               |
| Battery type                                            | VRLA SMF Batteries, 2 nos.                                                       |                                                                                               |
| <b>User Interface</b>                                   |                                                                                  |                                                                                               |
| Visual                                                  | Line Mode: Green LED Lighting<br>Battery Mode: Green LED Flashing<br>Fault: None | Line Mode: Green LED Lighting<br>Battery Mode: Yellow LED Flashing<br>Fault: Red LED Lighting |
| Control                                                 | One button for On/Off                                                            |                                                                                               |
| <b>Environment</b>                                      |                                                                                  |                                                                                               |
| Operating Temperature                                   | 0°C ~ 40°C                                                                       |                                                                                               |
| Storage Temperature                                     | -15°C ~ 50°C                                                                     |                                                                                               |
| Humidity                                                | 0 ~ 90%                                                                          |                                                                                               |
| Noise Level                                             | <40dB                                                                            |                                                                                               |
| Audible alarm                                           | On Battery (Utility Failure), Over load, Low Battery, Internal Fault             |                                                                                               |
| <b>Dimensions &amp; Weights W x H x D mm</b>            |                                                                                  |                                                                                               |
| Models (W x H x D) mm                                   | 278 x 100 x 143                                                                  | 342 x 133 x 180                                                                               |
| Gross Weight (kg)                                       | 5.4                                                                              | 10.23                                                                                         |

In the interest of continuous product improvement, all specifications are subject to change without notice.

\*Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.



Powering Business Worldwide

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