

# EATON

# Powerware

## Powerware 310i AVR 600 VA Uninterruptible Power System

Product Focus

Series 3



### Product Snapshot

Power Rating : Series 3  
Voltage : 220 / 230 / 240 VAC  
Frequency : 50Hz  
Configuration : Trendy DT

### Think big with the power of small, compact PW 310i AVR 600 VA

Powerware adds the PW 310i AVR 600 VA to its line of Series 3 uninterruptible power systems (UPS). The cost effective Powerware 310i AVR 600 VA is specially designed for personal computers with multi functions, SOHO equipments, small internet working devices and other electrical equipment from power disturbances. Its light weight, compact design perfectly fits into the limited working area in today's office environment. The line of UPS is equipped with boost and buck AVR to stabilize input voltage range. It is also built-in with DC start function. This function enables the UPS to be started up without AC power supplied. Despite it's small size, it is equipped with Smart RS-232 Communication Port to offer users more benefits.

Every unit is bundled with UPS monitoring software Winpower on a free of charge basis.

The Powerware PW 310i AVR 600 VA corrects incoming voltage fluctuations so that they do not

affect the performance of the connected equipment, with an inbuilt EVC (Electronic Voltage Controller).

In addition to EVC, it has 5 more distinctive advantages namely

- A. Sleek customer friendly aesthetics.
- B. Buck and boost voltage regulation corrects incoming voltage fluctuations.
- C. Enhanced battery recharge time quickly prepares UPS for the next power outage.
- D. Network Transient Protector isolates equipment from "back door" power surges travelling through network and phone lines.
- E. Bundled with power management software to ensure data integrity.

Backed by superior performance, the Powerware PW 310i AVR 600 VA is designed to keep your applications up and running without interruption!

### Features

- Microprocessor control guarantees high reliability
- Equipped with Boost and Buck AVR to stabilize the input voltage
- DC start Function
- Built-in RS 232 Communication Port
- Free Software Download from: [www.powerware.com](http://www.powerware.com)
- Green Power Function for energy saving
- Auto restart while AC recovery
- Compact size, Light weight
- Provides Modem and Phoneline Surge Protection
- Provides AC Overload Protection

# Technical Specifications

## Powerware 310i AVR 600 VA

### Informative and User-Friendly Interface

The front panel of the Powerware PW 310i AVR 600 VA indicates the UPS status namely Mains availability, Inverter status, UPS failures.

### Network Transient Protector

The Network Transient Protector isolates your modem, fax machine, PC (Network) or electronic equipment from "back door" power surges. One in and out jack for a telephone /modem line or an RJ45 for 10Base-T network cable is located on the rear panel.

### PW 310i AVR 600 VA specifications

Voltage	230 V
Capacity VA	600
Dimensions	330 (W) x 140 (D) x 100 (H)
Weight	6.6
	14.4
Input Connection	1 meter cable with Indian Plug
Output receptacle:	3 Indian type sockets
Quantity and type	

### Operation

Nominal Input Voltage	230 V AC
Input Voltage Range	140 V AC to 280 V AC
Operating Frequency	50 Hz +/- 4%
Nominal Output Voltage	230 V AC +/- 10% Electronic Voltage Controlled output
Overload Capacity	110% for 2 min.
	115% for 5 seconds on Line mode
Transfer Time	< 6 ms typical
On-Battery Voltage	230 V + 10% - 10%
Operating Frequency	50 Hz + 2% - 2%
Output Voltage Waveform	Stepped Sine Wave
Output Protection	Electronically protected
Input Protection	Protected
Recharge Time (to 95% capacity)	12 hours maximum
Efficiency	> 95% online
Communications	RS 232 interface
Data Line Protection	Fax/Modem, Network, Telephone
Indicators	LED showing UPS on mins / on battery
Audible Alarms	Utility Fail/Overload/Low Battery
Software	Included
Battery Backup Time*	Typical 15 mins on a single PC load* (with 12V7Ah x 1 battery)

### Environmental

Operating Temperature	0 - 40° C ( 32 to 104° F )
Storage Temperature	- 15 to 50° C (5 to 122° F)
Relative Humidity	0 - 95 % non-condensing
Audible Noise (normal operation)	< 40 dbA
Altitude	10,000 ft (3000 M)

### Powerware Software Suite CD included

\* Due to continuing product improvement programs, specifications are subject to change without notice.

\* Battery backup time is approx. figure. Battery backup is proportional to number of power cycles & few other factors. Hence the battery time can vary to large extent based on the conditions.

For more product information please contact us:



## Powerware

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