

# EATON

# Powerware

## Powerware® 3105 Uninterruptible Power System

Product Focus

500–700 VA power protection for small office and home office applications



### Product Snapshot

<b>Power Rating:</b>	500–700 VA
<b>Voltage:</b>	120V and 230V
<b>Frequency:</b>	50 Hz and 60 Hz
<b>Configuration:</b>	Low-profile, plug-and-play unit
<b>Topology:</b>	Standby

### Features

- Protect small office and home office equipment from power outages, surges, and sags
- Save space with a compact design that fits easily under a desk or can be conveniently wall-mounted, with quick access to all receptacles
- Keep essential systems running through power outages by plugging them into receptacles with surge suppression and battery backup. Plug nonessential equipment into receptacles featuring surge suppression only.
- Extend UPS service life with user-replaceable batteries
- Protect networked equipment from “back door” power surges coming through LAN or telephone lines
- Stay informed of power problems and low battery conditions with audible alarms and remote alarm notification
- Deliver short-term mobile power with start-on-battery capability
- USB port and cables are standard
- Rest easy with a two-year limited warranty, five-year pro-rated warranty, and \$25,000 load protection guarantee (US and Canada)
- Optional multi-year Gold Plan service is available to provide repair and replacement coverage that goes beyond the provisions of the limited warranty.

In a perfect world, your incoming utility power would be smooth, steady, and completely reliable. In the real world, however, utility power is plagued with sags, surges, and outages—some of them even caused by your equipment itself.

The risks are everywhere. Lightning strikes, ice storms, over-demand on the utility grid, accidents, and natural disasters can knock out power without warning. Everyday events, such

as normal utility switching or rapid changes in power demand can cause equipment-damaging surges or sags. A typical power customer experiences these events daily, as well as several complete outages a year.

Every time the lights dim when a major appliance starts up ... or a problem in the distribution grid causes a momentary loss of power ... or a surge travels down the line when the power comes back up again ... your

sensitive electronic equipment is being hit with electrical forces it was never designed to withstand. Even when these power fluctuations don't crash systems or zap electronic components, they still cause insidious damage that can erode data integrity, damage important files, and shorten hardware life.

You don't have to take it. Effective protection is here, at a very attractive price.

# Introducing the Powerware 3105 UPS

The Powerware 3105 UPS provides a layer of defense between your equipment and erratic power. This cost-effective, compact device stands guard constantly, ready to take over and switch to battery power any time it detects a problem with normal utility power.

## Affordable protection for small offices and home offices

Incorporating more than 40 years of UPS design experience, the Powerware 3105 UPS provides cost-effective power management, backup power, and

power quality for home wireless phones, small office PBX or key phone systems, home office workstations, small office desktop servers, small network nodes, point-of-sale systems, and computer peripheral devices. This UPS is ideal for small offices and home offices—anywhere reliable power is needed at an affordable price.

## Eight outlets in a compact package

The compact unit is smaller than a shoebox and fits easily under a desk or can be conveniently wall-mounted. The cost-effective design features

eight outlets, four with surge protection and battery backup only. You can plug less critical equipment, such as printers or monitors, into surge-protection-only outlets that do not drain battery power.

## Protection for data lines

Incoming power lines aren't the only source of damaging surges. Power also travels across network links, such as LANs and telephone lines. The Powerware 3105 UPS uses an integral network transient protector to safeguard network-connected equipment—such as

fax machines, modems, or electronic telephones—from "back door" power surges coming through network or phone wiring.

## Short-term power for mobile applications

The Powerware 3105 UPS supports start-on-battery capability, which means you can unplug the UPS from utility power, then restart and run it from battery power elsewhere. This capability offers tremendous flexibility for short-term powering needs, such as in mobile offices or service vans.

**Surge-protected outlets (four) with spacing for transformer block plug-in**



**Surge and battery back-up outlets (four) with spacing for one transformer block plug-in**

**On/Off Switch**

**On/Off, Battery LED:**

Utility Line OK = Steady  
UPS On-battery = Flashing

**Warning LED:**

UPS Internal Fault = Steady  
Low Battery or Overload = Flashing

*The Powerware 3105 UPS delivers confidence—confidence that your vital office equipment is protected and confidence that Eaton® will be there with you for the long term.*

### User-replaceable batteries for extended service life

Many UPS products in this power range are useful only up to the service life of their batteries. When the battery fails, the unit is worthless. Not so with the Powerware 3105 UPS. You can replace the batteries yourself—a simple process that requires no tools or expertise. When the audible alarm indicates that batteries need replacing, you can safely and easily install supplied batteries and remove the old batteries for proper disposal and recycling. You can also choose to return the entire unit for repair or battery replacement under our warranty program.

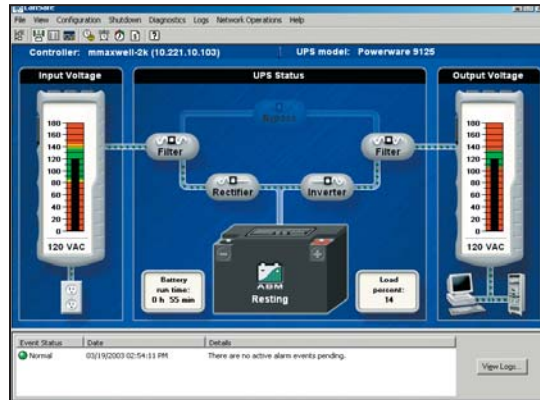
### Easy-to-understand LEDs and audible alarms

You never have to guess about the status and condition of your Powerware 3105 UPS. Simple LED indicators and audible alarms warn of power problems

and low battery conditions. The On/Off/Battery LED illuminates steadily when the UPS is operating on utility power and flashes when running on battery power. The Warning LED turns on when the UPS has internal fault and flashes under overload or low battery conditions.

### Remote UPS monitoring from anywhere

You don't have to be within sight of the UPS to stay informed. The UPS comes with LanSafe® software. This free-of-charge management system gives you control and visibility over all your UPSs, using an intuitive, graphical interface. Just connect the Powerware 3105 UPS to a computer using the built-in USB port, and you can monitor its working status from any LanSafe software-configured system.



### Warranty coverage with load protection guarantee

Rest easy with industry-leading protection from Eaton. The Powerware 3105 UPS is backed by a two-year limited warranty, a five-year pro-rated warranty, and a \$25,000 load protection guarantee. We're that confident of the performance and reliability of the Powerware 3105 UPS.

To find out more about how the Powerware 3105 UPS can protect your office equipment, applications, and data:

**www.powerware.com**  
**800-356-5794**

### BATTERY RUNTIMES (IN MINUTES)

VA	50W	100W	150W	200W	250W	300W	350W	400W
500	43	17	11	6	4	3		
700	53	30	14	9	7	6	4	3

This guide provides typical application information. Battery runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc.

# Powerware 3105 technical specifications

<b>VOLTAGE</b>	<b>120</b>		<b>230</b>	
Model number	PW 3105 500	PW 3105 700	PW 3105 500i	PW 3105 700i
Part numbers	103004247-5501	103004248-5501	103004250-5501	103004251-5501
Capacity	500VA/300W	700VA/420W	500VA/300W	700VA/420W
Dimensions (hxwxd)	4.4x11x7 inches 110x180x280mm	4.4x11x7 inches 110x180x280mm	4.6x7x11 inches 117x180x280mm	4.6x7x11 inches 117x180x280mm
Weight (120/230)	11.2 lb/5.1 kg	14.3 lb/6.5 kg	12.1 lb/5.5 kg	15.4 lb/7 kg
Input connection	6' Line cord with 90 deg.5-15P		IEC C14 inlet, 1.8 meter line patch cord IEC to IEC	
Output connection	8 5-15R outlets (four battery backup & surge protection; four surge protection only)		8 IEC C13 outlets (four battery backup & surge protection; four surge protection only)	

## OPERATION

Input voltage range	0-160 Vac	0-300 Vac
Output voltage range	Nominal -20% to +15%	
On battery output voltage	115V+/-10%	230V+/-10%
Frequency	60 Hz	50 Hz
Lightning / surge protection	320 joules	476 joules
Safety	UL 1778 3rd Edition/CSAC22.2 No107.3, Designed to meet UL497A	IEC 60240-1-1: CE low voltage directive
EMI	FCC Class B	IEC 62040-2, EN55022, Class B; CE EMC directive
Transfer time to battery/AC	2-6 msec. typical	
Battery type	Sealed, maintenance free lead-acid battery	
Typical backup time	3 minutes at full rated load	
Internet / phone / fax protection	RJ11/ RJ45	RJ11
Short circuit protection	Circuit Breaker	
Communication port	USB	

## ENVIRONMENTAL

Operation temperature	0°C ~ 40°C
Operation relative humidity	0 to 95% non-condensing
Storage temperature	-15°C ~ 50°C

## SOFTWARE

Powerware LanSafe software is included free of charge.

## SERVICE PLANS

<b>POWERWARE PRODUCT</b>	<b>LENGTH OF SERVICE</b>	<b>GOLD PLAN PART NUMBER</b>
3105 500-700 VA	3 YR	3XXGX3100XALLCX
3105 500-700 VA	5 YR	5XXGX3100XALLCX

## REPLACEMENT BATTERIES

<b>MODEL NUMBER</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>
PW 3105 500 VA	106711159-001	BATT. KIT 500 VA PW3105
PW 3105 700 VA	106711160-001	BATT. KIT 700 VA PW3105

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