

EAT•N

Powerware

Powerware® 3105 Uninterruptible Power System

Product Focus

350–700 VA power protection for small office and home office applications



Product Snapshot

Power Rating:	350–700 VA
Voltage:	120V and 230V
Frequency:	50 Hz and 60 Hz
Configuration:	Low-profile, plug-and-play unit
Topology:	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 non-essential 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 and four with surge protection 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 (4) with spacing for transformer block plug-in



Surge and Battery Back-up Outlets (4) with spacing for one transformer block plug-in

On/Off/Test Switch

On/Off, Battery LED:

Utility Line OK = Steady
UPS On-battery = Flashing

Warning LED:

Low Battery = Steady
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 battery is low and flashes under overload conditions

Remote UPS Monitoring from Anywhere

You don't have to be within sight of the UPS to stay informed. The UPS comes with Powerware 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.

BATTERY RUN TIMES (IN MINUTES)

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

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

Powerware 3105 Technical Specifications

MODEL NUMBER:	PW 3105 350	PW 3105 500	PW 3105 700
Part Numbers	103004246-5501	103004247-5501	103004248-5501
MODEL NUMBER:	PW 3105 350i	PW 3105 500i	PW 3105 700i
Part Numbers	103004249-5501	103004250-5501	103004251-5501
Capacity	350VA / 210W	500VA / 300W	700VA / 420W
Dimensions (hxwx dx)	4.4x11x7 in	4.4x11x7 in	4.4x11x7 in
Unit Weight	9.5lb/10.5lb	11.7lb/12.1lb	14.5lb/15.4lb
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 Outlets (4 Battery Backup & Surge Protection; 4 Surge Protection only) 5-15R IECC 13		

OPERATION

Input Voltage Range	0-160Vac / 0-300Vac
Output Voltage Range	Nominal -18% to +10%
On Battery Output Voltage	Nominal -12% to +10%
Frequency	50/60 Hz auto sensing
Lighting / Surge Protection	120v models 320 joules; 230v models 476 joules
Safety	UL 1778, Designed to meet UL497A, CAN/CSAOC22.2 No107.1/IEC 6240-1-1: 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
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

POWERWARE PRODUCT	LENGTH OF SERVICE	GOLD PLAN PART NUMBER
3105 350-700VA	3 YR	3XXGX3100XALLCX
3105 350-700VA	5 YR	5XXGX3100XALLCX

REPLACEMENT BATTERIES

MODEL NUMBER	PART NUMBER	DESCRIPTION
PW 3105 350VA	106711158-001	BATT. KIT 350VA PW3105
PW 3105 500VA	106711159-001	BATT. KIT 500VA PW3105
PW 3105 700VA	106711160-001	BATT. KIT 700VA PW3105

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