

# Eaton 3105 UPS



## Product Snapshot

|                        |                                    |
|------------------------|------------------------------------|
| <b>Product rating:</b> | 500–700 VA                         |
| <b>Voltage</b>         | 120V and 230V                      |
| <b>Frequency:</b>      | 50 Hz and 60 Hz                    |
| <b>Configuration:</b>  | Low-profile,<br>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
- Rest easy with a two-year limited 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.



Powering Business Worldwide

# Introducing the Eaton 3105 UPS

The Eaton® 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 3105 provides cost-effective power management, backup power and power quality. This UPS is ideal 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. The 3105 is also perfect 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

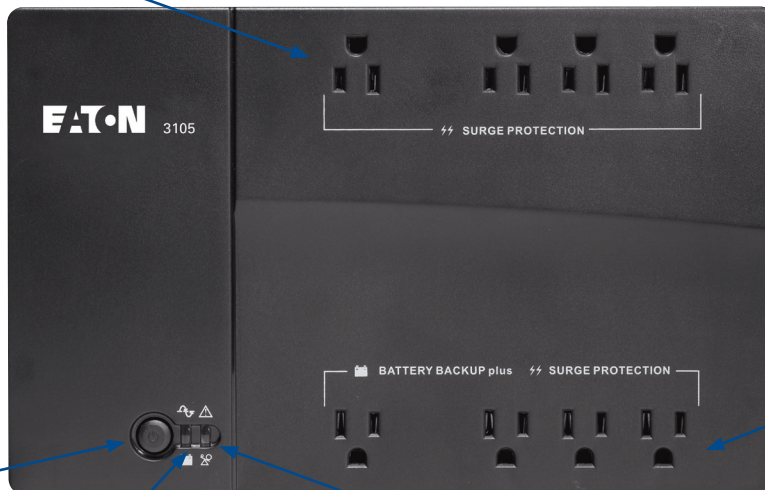
Incoming power lines aren't the only source of damaging surges. Power also travels

across network links, such as LANs and telephone lines. The 3105 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 3105 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

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

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#### **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 3105. 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 3105. 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

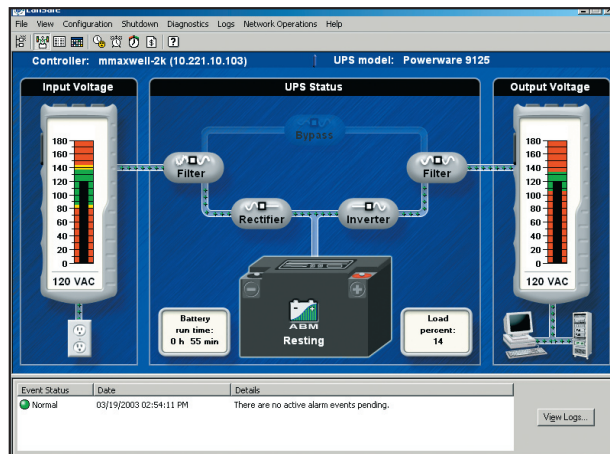
LanSafe® software. This free-of-charge management system gives you control and visibility over all your UPSs, using an intuitive, graphical interface. Just connect the 3105 to a computer using the built-in USB port, and you can monitor the UPS' working status from any LanSafe software-configured system.

#### **Warranty coverage with load protection guarantee**

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

To find out more about how the 3105 can protect your office equipment, applications and data, visit us at:

**[www.eaton.com/powerquality](http://www.eaton.com/powerquality)  
800.356.5794**



**LanSafe PowerScope view**

# Technical specifications<sup>1</sup>

| <b>VOLTAGE</b>                | <b>120V</b>  |                                   | <b>230V</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                      | 500 VA/300W  | 700 VA/420W                       | 500 VA/300W  | 700 VA/420W                       |
| Dimensions H x W x D, in (mm) | 4.4 x 11 x 7<br>(110 x 180 x 280)  | 4.4 x 11 x 7<br>(110 x 180 x 280) | 4.6 x 7 x 11<br>(117 x 180 x 280)  | 4.6 x 7 x 11<br>(117 x 180 x 280) |
| Weight, lb (kg)               | 11.2 (5.1)   | 14.3 (6.5)                        | 12.1 (5.5)   | 15.4 (7.0)                        |
| Input connection              | 6-foot 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                    |   |
| 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 (32°F ~ 104°F)  |
| Operation relative humidity | 0 to 95% non-condensing    |
| Storage temperature         | -15°C ~ 50°C (5°F ~ 122°F) |

## SOFTWARE

LanSafe software is included free of charge. USB port and cables are included.

## SERVICE PLANS

| Product         | Length of service | Gold Plan part number |
|-----------------|-------------------|-----------------------|
| 3105 500–700 VA | Three years       | 3XXGX3100XALLCX       |
| 3105 500–700 VA | Five years        | 5XXGX3100XALLCX       |

## REPLACEMENT BATTERIES

| Model number   | Part number   | Description               |
|----------------|---------------|---------------------------|
| PW 3105 500 VA | 106711159-001 | Battery kit 500 VA PW3105 |
| PW 3105 700 VA | 106711160-001 | Battery kit 700 VA PW3105 |

## BATTERY RUNTIMES (IN MINUTES)<sup>2</sup>

| 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    |

1. Due to continuing product improvement programs, all specifications are subject to change without notice.

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

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