



## Powerware® 3105 350–700 VA Standby UPS

### Solution Overview

The Powerware 3105 standby uninterruptible power system (UPS) provides protection against common power problems, including power failures, power sags, and power surges. This cost-effective protection is necessary to prevent damage such as data loss, file corruption, hardware damage, and equipment shutdown. The Powerware 3105 UPS delivers ideal power quality and backup power protection for PC-based applications in a sleek, well-designed unit that can fit under a desk or be wall mounted.



### Solution Benefits

More than a surge protector or backup power device, the Powerware 3105 offers the best basic UPS power protection against common power quality problems.

- Gives you enough battery backup time to ride through most power outages
- Protects equipment connected by network or phone wiring from “back door” power surges with a Network Transient Protector
- Indicates power problems and low battery conditions with LED display and audible alarms
- Extends UPS life with user-replaceable batteries
- Provides space for transformer block plug-ins so you do not block other output receptacles
- Allows you to plug in laser printers to surge suppression only outlets that do not drain battery power

### Solution Applications

With the included Power Management Software Suite, the Powerware 3105 features graceful shutdown to keep your data safe and your equipment free from damage, whether you’re there or not.

Ideally suited for:

- IP Office
- Access Point IP Router
- Point-of-sale (POS) systems
- Small office, home office
- PCs and peripherals

# Model Selection Guide and Specifications<sup>1</sup>

Model	Material Code	Part Number	Power Out (VA/Watts)	Input Connection	Receptacles
PW3105 350	700371081	103004246-5501	350/210	5-15P	(4) 5-15R with UPS and surge protection and (4) 5-15R with surge-only protection
PW3105 500	700371099	103004247-5501	500/300	5-15P	(4) 5-15R with UPS and surge protection and (4) 5-15R with surge-only protection
PW3105 700	700371107	103004248-5501	700/420	5-15P	(4) 5-15R with UPS and surge protection and (4) 5-15R with surge-only protection

## Operation

Nominal Voltage	120V
Input Voltage Range	0-160 Vac
Output Voltage Range	Nominal -18% to +10%
On Battery Output Voltage	Nominal -12% to +10%
Frequency	50/60 Hz auto sensing
Lighting/Surge Protection	320 joules
Safety	UL 1778, Designed to meet UL497A, CAN/CSAOC22.2 No.107.1
EMC	FCC Class B/IEC 62040-2, EN55022: Class B
Transfer Time to Battery/AC	2-6 msec. Typical
Internet/Phone/Fax Protection	RJ11/RJ45 (ships with RJ11 phone cable)
Short Circuit Protection	Circuit Breaker

## Environmental

Operation Temperature	32°F to 104°F (0°C to 40°C)
Operation Relative Humidity	0-95% non-condensing
Storage Temperature	5°F to 122°F (-15°C to 50°C)

## Electrical Output

On Utility/On Battery	±3 of nominal voltage
Voltage Regulation	
Voltage Waveform	Sine wave
Efficiency	89-92%, depending on load
Heat Dissipation (BTU)	1075 BTU/hr.
Frequency Regulations	±3 Hz online; ±0.1 Hz on battery
Load Crest Factor	3 to 1 ratio

## Software

Powerware LanSafe Software is included free of charge with Software Suite CD.

Communication Port	USB
Communications Cable	USB cable included

## Physical

Weight (lb./kg)	350 VA 9.5 / 4.3 500 VA 11.7 / 5.3 700 VA 14.5 / 6.6
Dimensions (H x W x D)	4.4 x 11.0 x 7.0 in. / 112 x 279 x 178 mm
Color	Black

## Battery

Battery Type	Sealed, maintenance free lead-acid battery
Battery Description	350 & 500 VA: (1) 12V, 5 Ah 700 VA: (1) 12V, 7 Ah
Typical Backup Time	3 minutes at full load
Battery Replacement Kits	350 VA: 106711158-001 500 VA: 106711159-001 700 VA: 106711160-001

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

## Powerware 3105 Runtimes for Typical Applications (in Minutes)

Load (VA):	50	100	200	300	350	450	500	600	700
PW3105 350	52	24	10	4	3	-	-	-	-
PW3105 500	65	33	12	8	7	5	4	-	-
PW3105 700	83	46	22	12	10	7	6	5	3

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

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