

Features

- ▶ Small unobtrusive design
- ▶ LED indicators and audible alarms warn of power problems and low battery conditions
- ▶ User-replaceable battery
- ▶ Cold-start capability
- ▶ Data line protection
- ▶ Triple Power Warranty (US and Canada)
 - 2-Year Limited Warranty
 - 5-Year Pro-Rated Warranty
 - \$25,000 Load Protection Guarantee

Powerware® 3110 UPS

New Higher Power Models!



Product Snapshot

Power Rating:	300-700 VA
Voltage:	120V and 230V
Frequency:	50/60 Hz auto-sensing
Configuration:	Plug and play

Power problems such as sags, surges and outages remain the number one cause of data corruption, loss and even hardware failures. Protect your vital office systems from the most common power problems, including spikes, surges, sags, noise, and power outages, with the Powerware 3110 UPS system. Ideal for PC-based applications in the 300 VA – 700 VA range, the Powerware 3110 provides affordable protection in a compact, well-designed package that fits easily under the desk or conveniently wall mounted.

The Powerware 3110's compact design features 6 outlets, four with battery back up and surge protection and two outlets with surge suppression only with spacing for convenient transformer block plug-in.

The Powerware 3110 maximizes battery availability by charging the battery as long as it is plugged into a live power outlet, regardless of whether the unit is turned on or not.

The Powerware 3110's easy to understand LED indicators and audible alarms warn of power problems and low battery conditions.

With the Powerware Power Management Software Suite¹, the Powerware 3110 features graceful shutdown to keep your data safe and your equipment free from damage, whether you're there or not.



1. Free software download from website: www.powerware.com

Powerware 3110 Specifications¹

Voltage		120V						230V					
Model		PW3110 300VA	PW3110 550VA	PW3110 700VA	PW3110 300iVA	PW3110 550iVA	PW3110 700iVA						
Part Numbers		05147642-5501	05147644-5501	05147646-5501	05147643-5501	05147645-5501	05147647-5501						
Capacity(VA/Watt)		300/180	550/330	700/420	300/180	550/330	700/420						
Dimensions H x W x D (inches)		3.9 x 2.3 x 15.5	6.8 x 3.1 x 14.8			3.9 x 2.3 x 15.5	6.8 x 3.1 x 14.8						
(mm)		150 x 59 x 393	172 x 79 x 376			150 x 59 x 393	172 x 79 x 376						
Weight (lbs)		6.6	9.2	9.4	6.6	9.2	9.4						
(kg)		3.0	4.2	4.3	3.0	4.2	4.3						
Input Connection		NEMA 5-15P						IEC-320 C14 (10amp) Recessed Socket*					
Output Receptacle Quantity & Type		4 (UPS & Surge) + 2 (Surge only) NEMA 5-15R						4 (UPS & Surge) + 2 (Surge only) C13 (10 amp)					
Typical Runtime: Minutes (Full Load)		4	4	3	4	4	3						
Operation													
Nominal Input Voltage		120 Volts AC (maximum 160 volts)						230 Volts AC (maximum 290 volts)					
Input Voltage Range (for on-line operation)		90-152 Volts						176-272 Volts					
Operating Frequency (on line)		50/60 autosensing based on input frequency											
Nominal Output Voltage		120 V						230 V					
Overload Capacity		120% ± 10% (3 minutes on line mode, 10 seconds on battery)											
Transfer Time		6 ms typical											
On-Battery Voltage		120V rms ± 10%						230V rms ± 10%					
Operating Frequency		50/60 Hz ± 1Hz autosensing											
Output Voltage Waveform		Regulated step wave											
Output Protection		Electronically limited											
Input Protection		Circuit breaker											
Recharge Time (to 95% capacity)		8 hours maximum											
Lightning & Surge Protection		ANSI/IEEE C62.41 categories A & B, IEC801.4, 801.5											
Surge Energy Capacity		450 Joules											
Efficiency		>95% on line											
Safety Certification		UL1778, Designed to meet UL497A, CAN/CSAÖC22.2 No. 107.1						EN50091-1; CE low voltage directive					
EMI Compliance		FCC Class B						EN55022, Class B; CE EMC directive					
Communications		DB-9, Contact Closure											
Data Line Protection		Fax/Modem, Network						Fax/Modem					
Indicators		Online/Utility fail/Overload/Replace battery											
Audible Alarms		Utility fail/Overload/Replace battery											
Environmental													
Operating Temperature		0-40° (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. (3,000m)											
Powerware 3110 Runtimes for Typical Applications in Minutes													
Load (VA)	100	150	200	250	300	350	400	450	500	550	600	650	700
300VA	18	13	7	4	4	-	-	-	-	-	-	-	-
550VA	30	22	18	14	11	10	8	6	4	4	-	-	-
700VA	39	22	17	16	14	13	9	7	6	5	5	3	3

1. Due to continuing improvement programs specifications are subject to change without notice. Battery run times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

* 230V models include one jumper cord C13 and C14 type connectors.