

EATON

Powerware

Powerware 5110 Uninterruptible Power System

Product Focus

350-1500 VA power protection for PC,
telephone and networking equipment



Product Snapshot

Power Rating: 350-1500 VA

Voltage: 240 VAC

Frequency: 50 Hz

Configuration: Plug-and-play
tower, under
monitor, or 2U
rackmount

Topology: Line-interactive

Features

- Protect the integrity of your data and applications by shielding electronic equipment from power outages, surges, sags, undervoltage and overvoltage conditions.
- Save space with a compact design that can be deployed as a tower, under a computer monitor or in a rack.
- Protects loads on six outlets - three with surge suppression and battery backup, three with surge suppression only.
- Deliver consistent, clean output with automatic voltage regulation (AVR) that doesn't drain battery power.
- Extend UPS service life with user-replaceable batteries
- Phone line transient protector guards phone equipment from "back door" power surges.
- Stay informed of power problems and low battery conditions with audible alarms and remote alarm notification via e-mail, pager, the Web or SNMP.
- Deliver short-term mobile power with start-on-battery capability.
- USB port and cable are standard.
- Rest easy with a two-year full warranty, plus three year pro-rated warranty and \$50,000 load protection guarantee (Australia and New Zealand). Optional Fastfix Service Plan is available to provide repair and replacement coverage that goes beyond the provision of the warranty.

The Powerware 5110 UPS provides a layer of defence between your equipment and raw utility power. This line-interactive UPS constantly safeguards your systems from power outages, surges, sags, undervoltage and overvoltage conditions - and provides varying degrees of protection from other power problems as well. If utility power is interrupted, even briefly, the Powerware 5110 UPS transfers to battery power.

The Powerware 5110 UPS uses Automatic Voltage Regulation (AVR) to smooth out wide fluctuations in input voltage. If input voltage varies as much as 25% over or 23% under nominal voltage - which can easily happen when running on generator power or in severe environments - the Powerware 5110 UPS accepts this inconsistent voltage and delivers clean, consistent output for protected equipment.

AVR enables you to work through even the most frequent brownouts and power sags.

Unlike typical line-interactive systems, the Powerware 5110 UPS does not switch back and forth to battery power to accomplish this voltage regulation - which would shorten battery life and increase battery replacement costs. As a result, battery power is conserved for when you really need it.

The Powerware 5110 UPS occupies a small footprint - about the size of a dictionary for low power units (350-700VA), or a sleek tower for higher-rated models (1000-1500VA). This tower package fits easily under a monitor or can be rackmounted in only 2U of rack space.

Technical Specifications

POWERWARE 5110

Model Number	51100350A	51100500A	51100700A	51101000A	51101500A
Capacity	350VA/210W	500VA/300W	700VA/420W	1000VA/600W	1500VA/900W
Dimensions (mm) HxWxD	270x87x260	270x87x260	270x87x260	270x87x384	270x87x384
Unit Weight (kg)	5	6	8	12	12.5
Input Connection	1.8 metre line cord IEC to Australian 10Amp Plug				
Output Connection	6 Australian 10Amp Outlets (3 Battery Backup & Surge Protection, 3 Surge Protection only)				
Operation					
Input Voltage Range	0-160Vac/0-300 VAC				
Output Voltage Range	Nominal -23% to +25%				
On Battery Output Voltage	Nominal -12% to +10%				
Frequency	50 Hz				
Lighting/Surge Protection	476 joules				
Safety	AS/NZS62040.1.1, AS/NZS60950, A-Tick				
EMI	AS/NZS62040.2, AS/NZSCISPR22, C-Tick				
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				
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	Optional Extended Warranty and On Site Changeover service plans available				

Battery Run Times (in minutes)

Model	Load (VA)											
	80	170	250	330	420	550	650	850	1000	1200	1350	1500
51100350A	31	12	7	4								
51100500A	43	17	11	6	4							
51100700A	53	30	14	9	7	4	3					
51101000A	80	64	-	28	20	15	12	8	5			
51101500A	-	74	-	35	-	-	14	10	7	6	5	4

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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