OneUPS® Plus Standby Uninterruptible Power Systems

MODEL 300	300VA/180W
MODEL 420	420VA/250W
MODEL 650	650VA/400W

The Exide Electronics OneUPS Plus – available in 300VA, 420VA and 650VA ratings – is perfect for personal computers, workstations and point-of-sale systems. The OneUPS Plus is there when you need it, protecting your valuable data during power outages and brownouts. Ready to use straight out of the box, the OneUPS Plus has a compact design which allows you to make the most of your work area.

The OneUPS Plus is built for use around the world. Models are available for 100, 120 and 230 V applications.

Surge suppression and line filtering designed into the OneUPS Plus protect your equipment from potentially damaging electrical distortion caused by lightning or irregularities in commercially available power. The OneUPS Plus filters incoming utility power to prevent glitches that can harm computer equipment or result in corrupted data.

Power management software is free upon request with the 420VA and 650VA models. Both LanSafe III and FailSafe III ensure maximum data integrity for computer users by providing comprehensive control of OneUPS Plus in both networked and stand-alone environments. In the event of an unattended power failure, the software will automatically save all work in progress and gracefully shut down the operating system and all networked devices. The software is designed to work with many operating systems including Windows 3.1, Windows 95, NT, Netware, Macintosh, UNIX and OS/2. With customizable alerts and paging capabilities, the systems administrator can be notified of any power anomalies on the network.

The OneUPS Plus incorporates Advanced Battery Management™, which doubles battery life, speeds recharge time and provides early notification of potential problems.

A number of diagnostic tests are employed by the OneUPS Plus to validate the integrity of its operating environment. The OneUPS Plus examines the utility power source to detect any site wiring faults, and constantly monitors the protected equipment for an overload condition. This ensures that it can support the existing load in the event of a power outage. Option switches can be used to control these diagnostics and to adjust the voltage that the OneUPS Plus transfers to battery in the event of a brownout.

The battery start feature of the 420VA and 650VA models allows you to power your computer even if utility power is unavailable. This provides an important power source during emergencies when certain business functions still need to be performed.

OneUPS® Plus Standby UPS		SPECIFICATIONS†		
		300VA	420VA	650VA
ELECTRICAL				
Input Voltage	120 V	110, 120, 127 VAC Nominal User Selectable		
	230 V	220, 230, 240 VAC Nominal User Selectable		
On Line Voltage Range	120 V	88, 93, 98, 103 V User Selectable		
	230 V	166, 176, 186, 196 V User Selectable		
Input Frequency	120 V	57 - 63 Hz		
	230 V	47 - 53 Hz/57 - 63 Hz		
Surge Protection	120 V	IEEE 587/ANSI C62.41 (Levels A & B)		
	230 V	IEC 801-5		
On-Battery Voltage Regulation		±5%		
Waveform		Step Sinewave		
Output VA/Watts		300 VA/180 W	420 VA/250 W	650 VA/400 W
Output Current	120 V	2.5A	3.5A	5.4A
	230 V	1.3A	1.8A	2.8A
On Line Efficiency		96%		
PHYSICAL				
Weight*		7 kg / 16 lbs	8 kg / 17 lbs	10 kg / 21 lbs
Dimensions (h x w x d)		153mm x 87mm x 332mm 6" x 3.4" x 13.5"		168mm x 120mmm x 362mm 6.6" x 4.7" x 14.2"
BATTERY				
Type		Sealed lead-acid/maintenance free		
Full/Half Load Support Time		9/27 min.	6/18 min.	5/15 min.
Recharge Time		< 6 hours to 90% capacity		
Diagnostics		N/A	Battery test button	
GENERAL				
User Interface		On/off switch with alarms	1 LED with alarms	
Diagnostics		Full system self test on power up		
Communications		Not available	DB9 serial port with dry contacts	
Input	120 V	Attached 6' line cord with 5-15 plug		
	230 V	(2) IEC - IEC jumper cords (2m)		
Output	120 V	(2) 5-15R receptacles		(4) 5-15R receptacles
	230 V	(2) IEC 320 receptacles		(4) IEC 320 receptacles
Safety	120 V	UL 1449, UL 1778, CSA-C22.2 No. 107.1		
	230 V	EN 50091-1		
ENVIRONMENTAL				
Audible Noise		<40 dBA @ 1 meter		
Ambient Operating Temperature		0°C to +40°C		
Ambient Storage Temperature		−20°C to +40°C		
Operating Altitude		Up to 10,000 ft. (3,000 m.)		
Relative Humidity		5 – 95%, non-condensing		
EMI Suppression	120 V	FCC A & B		
	230 V	EN55022 Class B		

* Includes 3 lbs. for shipping.
† Specifications subject to change without notice.