NetUPS® Line-interactive Uninterruptible Power Systems

MODEL 450	450VA/280W
MODEL 700	700VA/420W
MODEL 1000	1000VA/670W
MODEL 1500	1500VA/960W

The Exide Electronics NetUPS – available in 450VA, 700VA, 1000VA and 1500VA ratings – is the perfect line-interactive UPS for computer networking environments. The NetUPS protects your network equipment from power surges, brownouts and utility failures at a competitive cost. Its compact design features tighter output voltage and frequency regulation, user configurable front panel and RJ 11/45 modem/data line protection.

The NetUPS is built for use around the world. Models are available for 100, 120 and 230 volt applications and frequencies of 50 and 60 Hz.

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

Front panel hot swappable batteries make it possible to extend the life of your NetUPS without returning the unit for service. Automatic battery diagnostics alert you when there is a problem with the batteries or when they need to be replaced, before disaster strikes. The NetUPS also comes equipped with a battery test button to instantly detect the status of the batteries.

An RS-232 communications port that furnishes an interface to award winning Lansafe III power management software is available on all models. No matter what your network management strategy, Exide Electronics has a complete software package to control, monitor and configure your NetUPS. Our software provides graceful, unattended operating system shutdown in the event of a utility failure or low battery condition.

A number of diagnostic tests are employed by the NetUPS to validate the integrity of its operating environment. The NetUPS 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.

Front Panel Status LEDs quickly show you:
- Input voltage status
- Battery charge condition
- Load capacity
- Communications activity
- Potential battery failure
- Site wiring faults

The battery start feature 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.

EXIDE
ELECTRONICS
Strategic Power Management℠

NetUPS® Line-interactive UPS		Specifications[1]			
		450VA	700VA	1000VA	1500VA
ELECTRICAL					
Input Voltage	120V	110, 120, 127 VAC Nominal			
	230V	220, 230, 240 VAC Nominal			
Allowable Range	120V	78 – 144 VAC without using batteries			
	230V	150 – 276 VAC without using batteries			
Input Frequency	120V	57 – 63 Hz			
	230V	47 – 53 Hz / 57 – 63 Hz			
Surge Protection	120V	Tested to IEEE 587-B			
	230V	Tested to IEC 801-5			
On Battery Output Voltage	120V	115 VAC −10%, +6%			
	230V	230 VAC −10%, +6%			
Output VA/Watts		450/280	700/420	1000/670	1500/960
Output Current	120V	3.75A	5.83A	8.33A	12.5A
	230V	1.96A	3.04A	4.35A	6.52A
MECHANICAL					
Weight (Shipping)		10.9 kg / 24 lbs.	12.7 kg / 28 lbs.	20.5 kg / 45 lbs.	22.7 kg / 50 lbs.
Dimensions	mm	163mm *h* x 117mm *w* x 376mm *d*		224mm *h* x 178mm *w* x 434mm *d*	
	Inches	6.4" *h* x 4.6" *w* x 14.8" *d*		8.8" *h* x 7" *w* x 17.1" *d*	
BATTERY					
Type		Sealed, maintenance-free, lead-acid, 3–6 year life @ 25°C			
Full Load Support Time		5 minutes[2]			
Recharge Time to 90%		< 4 hours			
Diagnostics		Automatic test			
Operation		Manual battery test button			
Replacement		Hot-swappable user replaceable batteries			
GENERAL					
User Interface		16 LED display with alarms			
Diagnostics		Full system self test on power up			
Communications		Relay Contacts, RS-232 DB9, Lansafe III Power Management Software Included			
Input	120V	Attached 6' line cord with 5-15 plug			
	230V	IEC 320 Input receptacle / (2) IEC 320 jumper cords			
Output	120V	(4) 5-15R Receptacles		(6) 5-15R Receptacles	
	230V	(4) IEC 320 Receptacles		(6) IEC 320 Receptacles	
Safety	120V	UL 1778, CSA C22.2 No. 107.1, UL 1449 Rated MOV			
	230V	VDE per EN 50091-1			
Modem/10Base-T Network Protection					
Application		Rear panel installable without opening the unit			
Surge Type		1.2/50 microsecond waveform; Surge peak 6kV; L–L and L–G			
Surge Protection		< 5% let through when subjected to a 500A surge with 8/20 microsecond waveform < 1% let through when subjected to a 6kV/125A normal mode surge			
Connection		In and out jacks that accommodate single telephone/modem line (RJ-11) or 10Base-T network cable (RJ-45)			
ENVIRONMENTAL					
Audible Noise		< 45 dBA @ 1 meter			
Ambient Operating Temperature		0°C to +40°C			
Operating Altitude		3000m / 9750ft.			
Relative Humidity		5–95%, non-condensing			
EMI Suppression	120V	FCC Part 15, Subpart J, Class B			
	230V	EN 55022 Class B			

[1] Specifications subject to change without notice.

[2] Battery times are approximate and may vary with equipment, configuration, disk access, battery age, temperature, etc.