SafeGuard

750VA | 1000VA

With Automatic Voltage Regulation

SECURITY · HOME OFFICE · NAS · TELECOMS · HOME THEATRE · MODEM

The **PowerShield SafeGuard UPS Series** remains one of the most popular UPS choices for workstations, telephone systems and security applications. Both the 750VA and 1000VA models are line interactive, powerboard style UPSs that provide automatic voltage regulation battery backup and surge protection in a convenient, wall mountable compact design.

Features

Hot swappable battery

- Easy hot-swappable, user replaceable battery that extends the service life of your UPS.

Wallmountable / powerboard style

- The SafeGuard Series are designed in a powerboard style that is ideal for physically restricted areas and can be conveniently wall mounted.

Cold start function

- SafeGuard UPSs can turn on equipment when there is no AC simply by connecting equipment and turning the UPS on. This is excellent when users need to power equipment for a short time.

Exceptional surge protection

- SafeGuard UPSs offer best in class surge protection.

Extra surge protected sockets

- The SafeGuard features Australian outlets which provide a high level of surge protection as well as a UPS output supply, to keep essential systems running during utility power outages. Additional Australian surge protected sockets are also provided for non-essential equipment.

USB Charging Port

- The SafeGuard 1000 features a USB charging port for mobile devices.

Fax / Modem / LAN surge protection port

- The SafeGuard 750 includes ports for telephone or network connections to provide extra surge protection on these lines.

Off-mode charging

- SafeGuard UPSs will continue to charge internal batteries whether the unit is on or off.

Automatic voltage regulation (AVR)

- The AVR automatically bucks/boosts unstable fluctuating utility voltages, bringing it within 10% of nominal voltage range and thereby protecting valuable equipment.

Inbuilt Battery Management (HID)

- Plug and play on any computer or NAS drive
- Allows for orderly shutdown without software

USB communication with NetGuard® Software

- The free, downloadable NetGuard software provides complete power monitoring. Parameters such as input/output voltage, battery capacity and load level are easily viewed. It also ensures a safe and orderly shutdown in the event of a prolonged outage.

Applications Include:

- Small Office & home office equipment
- Stand-alone personal computers
- Work stations
- Telephone systems
- Point of sale equipment
- Computer peripherals
- NAS

Power Shield®

SAFEGUARD SPECIFICATIONS

MODEL	SAFEGUARD 750	SAFEGUARD 1000
Model Number	PSG750	PSG1000
Capacity	750VA / 450W Line interactive	1000VA / 600W Line interactive
INPUT		
Voltage	240Vac (Nominal)	
Voltage range	177 to 290Vac	
Frequency	50Hz or 60Hz (Auto sensing)	
OUTPUT		
Output Voltage	240Vac ±10%	
Frequency range (Batt. Mode)	50Hz or 60Hz ±-1Hz	
Transfer time	6 msec (Typical)	
Wave Form (Batt. Mode)	Simulated Sine Wave	
Australian Outlets	3 (UPS and Surge Protection)	4 (UPS and Surge Protection)
Australian Outlets	3 (Full Time Surge Protection)	4 (Full Time Surge Protection)
BATTERY		
Capacity	12V*9AH	
Backup Time	25 min (1 PC load at 100W)	
Typical Recharge Time	6-8 hours recover to 90% capacity	
PROTECTION		
Full protection	Overcharge, discharge, short circuit and thermal protection	
Surge protection	468Joules /11000Amps - Best in its class	475Joules /13000Amps - Best in its class
Data protection	Tel/modem/LAN, RJ45 connector	NA
COMMUNICATIONS & MANAGEMENT		
Interface	USB interface	
Software	PowerShield® NetGuard® supports Windows, Linux, Unix & Mac	
LED Alarm	AC Mode, Battery Mode, Low Battery (Batt. Mode), Fault	AC Mode, Battery Mode, Low Battery (Batt. Mode), Fault, Overload, Remaining Time
Audible Alarm	Battery Mode, Low Battery (Batt. Mode), Fault	Battery Mode, Low Battery (Batt. Mode), Fault, Overload
PHYSICAL		
Dimensions L x W x H (mm)	292 x 91 x 199	345 x 200 x 100
Weight (kgs)	5.5	6.1
OPERATING ENVIRONMENTS		
Temperature	0 - 40°C	
Humidity	0-90% (RH Non-condensing)	
Noise level	<5dB (No Fan)	
COMPLIANCE		
Safety	EN62040 - 1 - 1 2003, IEC60950 - 1: 2001	
EMC	EN62040 - 2 2006	
RoHS	Directive 2011/65/EU	

* Specifications are subject to change without prior notice
* UPS output capacity is calculated at PF=0.7

SafeGuard 750

TABLE TOP UPRIGHT   LIE FLAT   WALL MOUNTED

PowerShield®

PROTECT - BACKUP - CONNECT

www.**powershield**.com.au