

# SafeGuard

750VA

Line Interactive UPS



**SIX SOCKETS**



The **PowerShield SafeGuard** remains one of the most popular UPS choices as it provides automatic voltage regulation, battery backup, surge protection and telephone/modem protection. This line interactive powerboard style UPS can also be wall mounted. The SafeGuard is perfect for workstations, telephone and security applications.

## Features

### Exceptional surge protection

- Best surge protection in its class.
- 460 Joules/11000 Amps protection .

### Extra surge protected sockets

- The SafeGuard provides three 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. It also provides an additional three Australian surge only protected sockets that do not require battery backup.

### Hot swappable batteries

- Batteries are easily hot swappable and user replaceable, extending the service life of your UPS.

### Fax / LAN surge protection port

- Includes ports for telephone or Lan network connections to provide extra surge protection on these lines.

### Cold start function

- The UPS 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.

### Off-mode charging

- The plugged in UPS will continue to charge internal batteries whether the unit is on or off.

### HID Communication via USB

- HID can be used for simple management with Windows, Apple, Linux and NAS devices and a large variety of industrial controllers that support HID.
- HID ensures a safe and orderly shutdown in the event of a prolonged power outage.

### NetGuard software communication via USB

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

### 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.

### Wallmountable / Powerboard style

- This AVR powerboard style UPS has been conveniently designed to suit physically restricted areas. Additionally as an option, the UPS can also be wall mounted.

#### Applications Include:

*Small office & home office equipment, stand-alone personal computers, work stations, telephone systems, point of sale equipment, computer peripherals, NAS*



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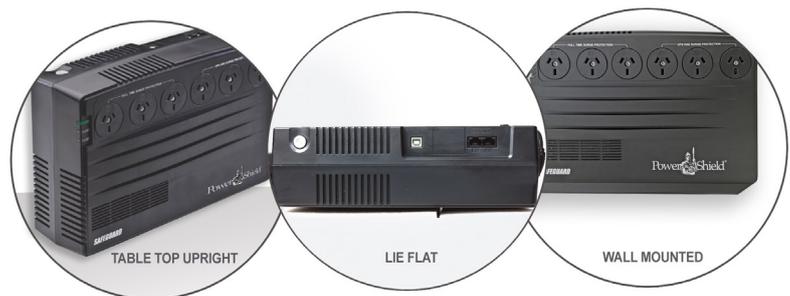
SAFEGUARD SPECIFICATIONS	
<b>MODEL</b>	<b>SAFEGUARD 750</b>
Model Number	PSG750
Capacity	750VA / 450W Line interactive
<b>INPUT</b>	
Voltage	240Vac (Nominal)
Voltage range	177 to 290Vac
Frequency	50Hz or 60Hz (Auto sensing)
<b>OUTPUT</b>	
Output Voltage	240Vac $\pm$ 10%
Frequency range (Batt. Mode)	50Hz or 60Hz $\pm$ 1Hz
Transfer time	6 msec (Typical)
Wave Form (Batt. Mode)	Simulated Sine Wave
Australian Outlets	3 (UPS and Surge Protection)
Australian Outlets	3 (Full Time Surge Protection)
<b>BATTERY</b>	
Capacity	12V*9AH
Backup Time	25 min (1 PC load at 100W)
Typical Recharge Time	8 hours recover to 90% capacity
<b>PROTECTION</b>	
Full protection	Overcharge, discharge, short circuit and thermal protection
Surge protection	468Joules /11000Amps - Best in its class
Data protection	Tel/LAN, RJ45 connector
<b>COMMUNICATIONS &amp; MANAGEMENT</b>	
Interface	USB interface
Software	PowerShield® NetGuard® supports Windows, Linux, Unix & Mac
HID	Supports Windows, Apple, Linux, NAS and various industrial controllers
LED Alarm	AC Mode, Battery Mode, Low Battery (Batt. Mode), Fault
Audible Alarm	Battery Mode, Low Battery (Batt. Mode), Fault
<b>PHYSICAL</b>	
Dimensions L x W x H (mm)	292 x 91 x 199
Weight (kgs)	6.5
<b>OPERATING ENVIRONMENTS</b>	
Temperature	0 - 400°C
Humidity	0-90% (RH Non-condensing)
Noise level	<5dB (No Fan)
<b>COMPLIANCE</b>	
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

### TYPICAL RUN TIMES

Small telephone with 4 handsets	60 minutes
Medium telephone with 16 hand sets	23 minutes
DVR and 4 cameras	62 minutes
DVR and 16 cameras	37 minutes
Computer with 17" LCD monitor	17 minutes
Computer with 24" LCD monitor	12 minutes



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