

# SafeGuard



750VA

With Automatic Voltage Regulation



**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



### Fax / Modem / LAN surge protection port

- Includes ports for telephone or 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

### 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 protected sockets for non-essential equipment

### Hot swappable batteries

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

### Off-mode charging

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

### Intelligent microprocessor control

- Advanced microprocessor control guarantees high reliability

### 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.

### USB communication with sophisticated 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



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## SAFEGUARD SPECIFICATIONS

MODEL	SAFEGUARD 750
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/modem/LAN, RJ45 connector
<b>COMMUNICATIONS &amp; MANAGEMENT</b>	
Interface	USB interface
Software	PowerShield® NetGuard® supports Windows, Linux, Unix & Mac
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 - 40°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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