

# PowerShield®



The SafeGuard UPS provides a buffer between your equipment and inconsistent mains power supply. This cost effective, compact device constantly stands guard beside your sensitive equipment. This UPS is one of the only powerboard style with AVR (Automatic Voltage Regulation). Anytime a power fluctuation occurs, this UPS will buck or boost the power within a ten percent variance of 240Vac. The SafeGuard provides three outlets of surge protected battery backup to keep essential systems running through power outages. It also provides three surge protected sockets for non-essential equipment. The SafeGuard allows for User-replaceable batteries.

applications include:

- small office and home office equipment
- stand alone personal computers
- work stations
- telephone systems



## SafeGuard 750



## features

- Surge Protection, Best in its Class
- Automatic Voltage Regulation (Buck and Boost)
- Light-weight compact and elegantly designed
- Intelligent microprocessor control
- Monitoring and shutdown software included
- Fax/modem/LAN surge suppression port
- Overload protection and alarm
- Output short circuit protection
- Start on battery function (cold start)
- USB communication
- Easy user replaceable battery
- Australian/New Zealand approved sockets
- Wall mountable
- Fast charging - 90% in 4 hours

THE AUSTRALIAN UPS COMPANY



SAFEGUARD	
Model	PSG750
Capacity	750VA/450W      Line interactive
<b>INPUT</b>	
Voltage	240Vac (Nominal)
Voltage range	177 - 290Vac
Frequency	50Hz or 60Hz (Auto sensing)
<b>OUTPUT</b>	
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)
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	468 Joules /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 (D x W x H)	(199 x 292 x 91)mm
Weight	7kg
<b>OPERATING ENVIRONMENT</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

\* Product specifications are subject to change without further notice

### 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



Front View



Top View

SIX  KETS



PowerShield® 

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