Choose Your UPS

We’ve Made It Simple. A Higher Standard Level of Protection.

Power Shield offer a complete selection of power management and power protection solutions. From home computers to critical systems in high-availability environments, we have meticulously developed our products to provide better value and to suit the power needs of Australia and the Pacific region.

Our Shield System will allow you to quickly determine the best UPS for your application. From large enterprise, industry, telecommunications and security applications to standalone servers, workstations, VoIP, modems/routers and electric gates, PowerShield has a UPS to suit your needs.

All PowerShield UPSs are designed to address the major causes of power issues in our environment. We offer Automatic Voltage Regulation (AVR) / Line Interactive as our minimum level of protection for small office/home office applications, rather than the commonly used Standby technology, to help preserve the battery life.

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<tr>
<td>Protection</td>
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NEED HELP SELECTING A UPS?

Our online PowerShield UPS Sizing Guide is available now. Visit our website and enter your load requirements to see the best solution for your application.
**Line Interactive Modified Sine Wave**

**SafeGuard UPS 750 VA**

The PowerShield SafeGuard UPS is a popular UPS choice as it provides automatic voltage regulation (AVR), surge protection and high reliability in a compact package. The surge ratings on this UPS are as robust as most surge boards.

- Best in its class surge protection
- HID Communication via USB
- NetGuard® software communication via USB
- User replaceable batteries
- Wall mountable
- Fast charging
- Automatic Voltage Regulation (AVR)

**Defender 650 | 800 | 1200 | 1600 VA**

The Defender Range uses Automatic Voltage Regulation (AVR) to minimise the effects of fluctuations in input voltage, protecting valuable equipment from power line disturbances.

- Best in its class surge protection
- HID Communication via USB
- NetGuard® software communication via USB
- Buck and Boost AVR for Voltage Stabilization
- User replaceable hot swappable batteries
- Off-mode charging
- Cold start function

The Defender Rackmount expands the successful Defender Range by building the popular features into a Rack Mount UPS. At 230mm deep, this is the perfect UPS for shallow, wall mounted Comms cabinets.

**DC Mini UPS**

The PowerShield DC Mini UPS Range features the DC Mini Plugpack UPS and the DC Mini-36 (DC-DC Inline) UPS. Both are designed to provide compact emergency power backup to all kinds of DC powered equipment and can economically provide hours of operation during power failure.

- Built in replaceable Li-ion battery
- Auto start when plugged in
- Multi-colour indicator
- Manual power off switch port
- Overload, short-circuit, over-charge & over-discharge protection

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**Line Interactive Pure Sine Wave**

**Commander UPS Range**

**Commander Tower 1100 | 2000 VA**

The Commander Tower UPS is a sophisticated Line Interactive, Pure Sine Wave UPS. With improved communication options, intuitive user friendly mimic LCD display and ECO mode that uses less power for more energy savings, this UPS is perfect for workstations, gaming and motor applications.

- Pure Sine Wave Output
- Output power factor 0.9
- Programmable power management
- HID Communication via USB
- NetGuard® software communication via USB
- Smart AVR with buck and boost
- Ultra modern informative mimic LCD
- Intelligent slot - SNMP, AS400 and ModBus
- 3 stage advanced charge system for increased battery longevity

**Commander RT 1100VA | 2000VA | 3000VA**

The Line Interactive, Pure Sine Wave Commander Rackmount/Tower UPS offers power protection for applications such as networking, telecom, security and motors. The Advanced ECO mode function allows cost effective operation of the UPS with an efficiency as high as 98%. To provide longer backup time the 2kVA and 3kVA models are expandable to include an additional battery bank.

- Best in its class surge protection
- Rack/Tower design
- Built-in buck and boost AVR
- Output power factor 0.8
- HID Communication via USB
- NetGuard® software communication via USB
- Programmable power management outlets (combination of Australian and IEC)
- Advanced ECO operation mode for energy saving
- EPO - Emergency Power Off Function
- User replaceable hot swappable batteries
- SNMP, AS400, ModBus, Comms cards available

Guarding Your Business

Find detailed brochures at www.powershield.com.au
**True Online Double Conversion**

### Centurion UPS Range

**Centurion** 1000VA | 2000VA | 3000VA | 6000VA | 10000VA

The **Centurion** is a True Online Double Conversion UPS designed to provide comprehensive protection for critical equipment. Versatile management and hardware options offer the flexibility to build up a power protection solution to fit any application. This range comes with two sets of sockets on the back with one row of output sockets being programmable, meaning that you can shed less important loads. This will leave additional valuable backup time to the equipment that is most critical. This UPS includes a stylish, informative LCD display.

### Centurion RT 1000VA | 2000VA | 3000VA | 6000VA | 10000VA

The **Centurion RT** features True Online Double Conversion. As our highest single-phase power density UPS, this sophisticated range will provide the most comprehensive protection for mission critical devices such as sensitive networks, computers, servers, telecom applications, as well as industrial applications.

**Standard Extra Large Charger**

The Centurion RT has been designed with a larger charger than other UPSs, ensuring rapid recharge times when adding additional battery banks.

**Simply Add Additional Battery Banks to Increase Backup Time**

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### True Online Double Conversion

#### THREE PHASE Range

**Centurion 3/1** 10–20kVA and **3/3** 10–30kVA

**Centurion 3/1 and 3/3 UPS** series provide powerful and overall protection to your sensitive devices accepting a wide input voltage range for harsh environments. These small footprint, high power density, double-conversion online UPSs have an output power factor of 0.9. They also include Digital Signal Processing (DSP) technology and active input power factor correction design ensuring a stable, superior output power quality.

### Platinum Pro 15 - 120kVA

The **Platinum Pro** is designed to be used in a wide range of applications from data centres to manufacturing, hospitals, military and mining environments to name just a few. It provides the best power solution for your critical equipment and is available in 3/3, 3/1, 1/3, 1/1 configurations. This sophisticated UPS comes with a colour touch screen interactive LCD display, which gives information on the unit’s operation. With its compact footprint it allows installation in limited space environments. A natural choice for a centralised UPS solution.

### Platinum Modular 20 - 240kW | (20kW or 30kW modules)

The **Platinum Modular** features high efficiency online double conversion technology. Its modular design ensures ultra high reliability. The Platinum Modular has an output power factor of 1, adjustable battery numbers and an adjustable charging current. A built-in maintenance bypass switch allows for easy maintenance without interruption to operations while the graphic 5.7” LCD design provides easy configuration of this 3-phase in/3-phase out premium UPS.
Surge Protection Filters and AVR

ZapGuard® PSZ5U2

The ZapGuard® PSZ5U2 Surge Board will protect your home and office electronics from dangerous surges and spikes and is ideal for charging mobiles, laptops and other small USB powered devices.

Highly rated to withstand power surges and spikes of up to 1,400 Joules / 40,000 Amps the wall mountable ZapGuard PSZ5U2 features a recessed On/Off switch and wide spaced socket to allow for plug packs.

ZapGuard Pro

Designed to provide a high degree of secondary protection to critical circuits in harsh environments, the PowerShield ZapGuard Pro filter range is available for pluggable as well as hard wired installations. These devices are particularly suitable for use with UPS systems, servers and specialised industrial sites.

Wall Mount Three Phase 63A

Portable Series
10A I 16A

Panel Mount Series
Single Phase
32A I 40A

VoltGuard AVR

The PowerShield VoltGuard AVR (Automatic Voltage Regulator) will automatically maintain a safe voltage level to protect sensitive electronics from brownouts and over voltages. This cost effective compact device includes over voltage and under voltage protection, which will turn off the supply to your equipment when the utility voltage moves out of the safe range and also provides surge protection to protect against transients.

- Extremely Fast Response to input fluctuations
- Provides over-temperature and overload protection
- Three surge protected Australian outlet sockets

Maintenance Bypass Switches

The PowerShield Range of Maintenance Bypass Switches (MBS) are suitable for all UPS applications. A correctly designed MBS enables a technician to perform maintenance on a UPS at any time, without interruption to normal business operations with no need to shut down your critical electrical load. We have a range of Rack Mount, Wall Mount and Hot Swappable MBSs with Optional PDUs.

Accessories

Power Distribution Units

PowerShield offer a comprehensive range of both Smart Managed and simple Unmanaged Power Distribution Units (PDUs).

Smart Managed PDUs provide for distribution of power to multiple AC power outlets. With a built in SNMP network card, the operator can remotely control the power to each individual power outlet. In addition, the Managed PDU will provide various options for monitoring the power and provide the necessary warning alarm. The PowerShield Navigator Managed PDU is an internet ready PDU designed to allow administrators to remotely and individually control the AC power for up to eight connected devices such as servers, routers, modems and telephone networks.

Power Shield UPS Network Management Cards

When remote or networking UPS communications are required, network or relay communications are available as optional PSSNMP, PSModbus and PSAS400.

The SNMP (Simple Network Management Protocol) card allows the UPS to be directly connected to the network without the need of a local computer. Furthermore, the SNMP card contains an integrated web server CPU allowing the user to view and control the UPS with any standard internet browser. The Relay Card (PSAS400) provides VFC (Volt Free Contact) relays that change state upon UPS events. This type of card is often used when current loop communications are required for devices such as, BMS (Building Management Systems), Access Control Alarm Panels or Industrial PLCs.

The PowerShield Modbus Card facilitates UPS communication with industrial and building management systems using the Modbus RTU Protocol. PSModbus card provides real time monitoring and control of multiple UPS’s or inverters via the RS485 communications port.

Automatic Transfer Switch

The PowerShield Automatic Transfer Switch (ATS) is designed with two independent power inlets to supply power to the load from a primary or secondary power source. Should the primary power source fail, the secondary will automatically supply power to the connected equipment seamlessly. After switching to a secondary power source, the ATS can also switch power back to the primary input when power to the primary input is restored.

Find detailed brochures at www.powershield.com.au