

PowerShield®



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

The stylish LCD display, user replaceable batteries and six Australian sockets makes the Defender the complete package at this level.

applications include:

- home office equipment
- work stations
- rack equipment
- point of sale equipment
- home theatre (no fan)



Defender Range



features

- Surge Protection, Best in its Class
- Excellent microprocessor control guarantees high reliability
- Australian outlets for UPS and Surge protection (x3)
- Australian outlets for Surge protection only (x3)
- Buck and boost AVR for voltage stabilization
- User replaceable batteries
- Silent Operation (No fans included)
- Auto restart when AC returns
- Off-mode charging
- Cold start function
- USB communication with sophisticated NetGuard® software

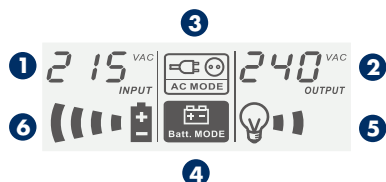
THE AUSTRALIAN UPS COMPANY



DEFENDER LINE

| | | |
|---|---|-----------------|
| Model | PSD1200 | PSD1600 |
| Capacity | 1200 VA / 720 W | 1600 VA / 960 W |
| Topology | Line Interactive | |
| INPUT | | |
| Voltage | 240Vac (Nominal) | |
| Voltage Range | 177-290 Vac | |
| Frequency Range | 50/60Hz \pm 5Hz (Auto sensing) | |
| OUTPUT | | |
| Output Voltage | 240Vac \pm 10% | |
| Frequency | AC mode tracks utility. Battery Mode 50Hz \pm 1% | |
| Frequency Range (Batt. Mode) | 50Hz or 60Hz \pm 1Hz | |
| Transfer Time | 6ms (Typical) | |
| Waveform (Batt. Mode) | Simulated Sine Wave | |
| Australian Outlets - UPS & Surge Protection | 3 | 3 |
| Australian Outlets - Surge Protection | 3 | 3 |
| BATTERY | | |
| Battery Type & Number | 12V* 7AH (x2) | 12V*9AH (x2) |
| Typical Recharge Time | 6 hours recover to 90% capacity | |
| Backup Time (50% Load) | 13 min | 4 min |
| PROTECTION | | |
| Full Protection | Overload, discharge, thermal, short circuit and overcharge protection | |
| Surge Protection | 936 Joules / 19500Amps | |
| COMMUNICATIONS & MANAGEMENT | | |
| Interface | USB Interface | |
| Software | PowerShield NetGuard® Supports Windows®, Linux, Unix, and MAC | |
| LCD Alarm | AC Mode, Battery Mode, Low Battery (Batt. Mode), Fault, Overload | |
| Audible Alarm | Battery Mode, Low Battery (Batt. Mode), Fault, Overload | |
| PHYSICAL | | |
| Dimensions (D x W x H) | (397 x 146 x 205)mm | |
| Net Weight | 11.1kg | 11.5kg |
| OPERATING ENVIRONMENT | | |
| 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 | |

* Product specifications are subject to change without further notice



Smart LCD

1. Input voltage
2. Output voltage
3. AC mode indicator
4. Battery mode indicator
5. Load level indicator, flashing indicates overload
6. Battery capacity indicator, flashing indicates low battery level



PSD1200
PSD1600

