



Defender 1600



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 Australian sockets makes the Defender the complete package at this level.

Applications include: personal computers, home office equipment, work stations, network devices, telephone equipment, point of sale equipment, home theatre (no fan) etc.

Features:

- Stylish and informative LCD display
- Surge Protection, Best in its Class
- Excellent microprocessor control guarantees high reliability
- Australian outlets for UPS and Surge Protection
- Boost and buck AVR for voltage stabilization
- User replaceable batteries
- Silent Operation (No fans included)
- Auto restart while AC is recovering
- Off-mode charging
- Cold start function
- USB communication with sophisticated NetGuard software
- FREE download software



SPECIFICATIONS

PRODUCT DETAILS

- Model : PSD1600
- Capacity : 1600VA / 960W
- Topology : Line interactive

INPUT

- Voltage : 240Vac (Nominal)
- Voltage range : 177 - 290Vac
- Frequency Range : 50/60Hz \pm 5Hz (Auto sensing)

OUTPUT

- Output Voltage : 240Vac \pm 10%
- Frequency : AC mode tracks utility
- Frequency Range : 50Hz or 60Hz \pm 1Hz (Batt. Mode)
- Transfer time : 6ms (Typical)
- Wave Form : Simulated Sine Wave (Batt. Mode)
- Australian Outlets : 3
UPS & Surge Protection
- Australian Outlets : 3
Surge Protection

BATTERY

- Battery Type and : 12V* 9AH (x2)
Number
- Typical Recharge : 6 hours recovery to 90% capacity
Time
- Backup Time : 10 min
(50% Load)

PROTECTION

- Full protection : Overload, discharge, thermal, short
circuit and overcharge protection
- Surge protection : 936Joules / 19500Amps

COMMUNICATIONS & MANAGEMENT

- Interface : USB interface
- Software : NetGuard[®] supports Windows, Linux,
Unix & Mac (Free Download)
- LED Alarm : AC Mode, Battery Mode, Low Battery
(Batt. Mode), Fault, Overload
- Audible Alarm : Battery Mode, Low Battery
(Batt. Mode), Fault, Overload

PHYSICAL

- Dimensions : 397(D) x 146(W) x 205(H) mm
- Net Weight : 11.5kg

OPERATING ENVIRONMENT

- Temperature : 0 - 40°C
- Humidity : 0-90% (RH Non-condensing)
- Noise Level : <5dB (No Fan)

COMPLIANCE

- Safety/EMC : (A-tick PSD650) EN62040-1-1 2003,
IEC60950-1 2001, EN62040-2 2006
- RoHS : Directive 2011/65/EU

Why Rising Connection is using equipment designed by Power Shield?

- The only UPS designed for Australians for Australian conditions.
- Highest surge rating of any UPS sold in Australia.
- All units have Australian sockets.
- Units have been tested in hot conditions.
- Local stock – PowerShield holds stock in their warehouses in Wetherill Park, NSW and Malaga, WA.
- Two year warranty with opportunity to increase warranty period.

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.
