

# Defender RackMount UPS

800VA

Line Interactive UPS



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.

This versatile UPS uses Automatic Voltage Regulation (AVR) to minimise the effects of fluctuations in input voltage, protecting your valuable equipment from power line disturbances whilst also incorporating the best surge protection in its class.

## Features

### Surge Protection

- Offering the best protection in its class, the Defender Rackmount protects against damaging surges.

### Informative LCD display

- Modern, stylish LCD display indicates voltage in/out, amount of load and remaining battery time.

### Buck and Boost AVR for Voltage Stabilization

- The AVR automatically bucks/boosts unstable fluctuating utility voltages, bringing them within 10% of nominal voltage range and thereby protecting valuable equipment.

### Compact Design

- The 230mm depth provides a very shallow, rackmountable solution, which will fit any wall mounted equipment box.

### Hot Swappable Battery

- Battery is easily hot swappable and user replaceable, extending the service life of your UPS.

### Silent Operation (no fans)

- Power Shield Engineers have designed the Defender Rack Mount to run cool without fans. This makes it the perfect complement to Audio Visual.

### Auto restart when AC recovers

- After an extended power outage the UPS will turn back on and resume equipment functionality once power has returned.

### Intelligent SNMP Slot

- Minimise response times with network connection for real-time event notifications. Monitor and control your UPS system without being onsite, as well as perform management tasks including scheduled shutdowns, startups, and reboots.

### HID Communication via USB

- HID can be used for simple management with Windows, Apple, Linux and NAS devices and a large variety of industrial controllers that support HID
- HID ensures a safe and orderly shutdown in the event of a prolonged power outage

### NetGuard software communication via USB

- The free, downloadable NetGuard software provides complete power monitoring. Parameters such as input/output voltage, battery remaining time and load level are easily viewed. It also ensures a safe and orderly shutdown in the event of a prolonged outage.

### Off-mode Charging

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

### Extra Sockets

- Comes standard with 6 Australian sockets and 2 IEC outlets. All six Australian sockets are spaced wide to allow for large plug packs.

### Cold start function

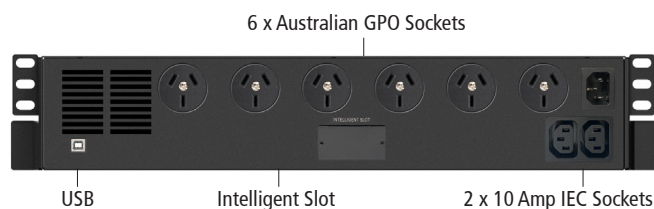
- The UPS can turn on equipment when it is off, simply by connecting equipment and turning the UPS on. This is excellent when you need to power equipment for a short time.

## DEFENDER RACKMOUNT 800VA UPS

MODEL	DEFENDER RACK 800
Model Number	PSDR800
Capacity	800VA / 480W
Topology	Line Interactive
<b>INPUT</b>	
Voltage	240Vac (Nominal)
Voltage Range	177-290Vac
Frequency Range	50/60Hz (auto sensing)
<b>OUTPUT</b>	
Output Voltage	240Vac $\pm$ 10%
Frequency Range (Batt. Mode)	50Hz or 60Hz $\pm$ 1Hz
Transfer Time	6ms (Typical)
Waveform (Batt. Mode)	Simulated Sine Wave
Australian Outlets - UPS & Surge Protection	2x 10 Amp IEC Sockets, 6 x Australian Sockets
<b>BATTERY</b>	
Battery Type & Number	12V / 9AH (x1)
Typical Recharge Time	4- 6 hours recover to 90% capacity
Backup Time (50% Load)	8 min
<b>PROTECTION</b>	
Full Protection	Overload, discharge and overcharge protection
Surge Protection	312Joules / 6500Amps
<b>COMMUNICATIONS &amp; MANAGEMENT</b>	
Interface	USB as standard, Intelligent slot for PSSNMP
Software	NetGuard® supports - Windows®, Linux, Unix and Mac (Free Download)
HID	Supports Windows, Apple, Linux, NAS and various industrial controllers
LCD Alarm	AC Mode, Battery Mode, Low Battery (Batt. Mode), Fault, Overload
Audible Alarm	Battery Mode, Low Battery (Batt. Mode), Fault, Overload
<b>PHYSICAL</b>	
Dimension L x W x H (mm)	230 x 438 x 86
Net Weight (kgs)	7.7
<b>OPERATING ENVIRONMENT</b>	
Temperature	0-40°C
Humidity	0-90% RH (non-condensing)
Noise Level	Less than 5dBA @ 1 meter (no fan)
<b>COMPLIANCE</b>	
Safety/EMC	EN62040-1 -1 2003, IEC60950-1 : 2001, 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.



**Dimensions:** 230mmD x 438mmW x 86mmH (2RU)

**Weight:** 7.7kg

