DEFENDER RACKMOUNT

800VA | 1500VA

The Defender Rackmount expands the successful Defender Range by building the popular features into a Rack Mount UPS. At 230mm deep (800VA) and 300mm (1500VA), 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.

AUTOMATIC VOLTAGE REGULATION

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

COMPACT DESIGN

With a shallow depth of just 230mm for the 800VA model and 300mm for the 1500VA model, this rackmountable solution is perfect for fitting into any wall-mounted equipment box.

USER REPLACEABLE BATTERY

The Defender Rackmount Series features long-life, user-replaceable batteries that extend UPS lifespan and reduce e-waste, promoting a more sustainable solution.

FAN FREE OPERATION IN NORMAL MODE

Power Shield Engineers have designed the Defender range to run without fans when operating on mains power, reducing audible noise duration.

HIGH EFFICIENCY

By removing the fans when on mains power, the efficiency of the UPS is improved for the vast majority of its working life.

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

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.
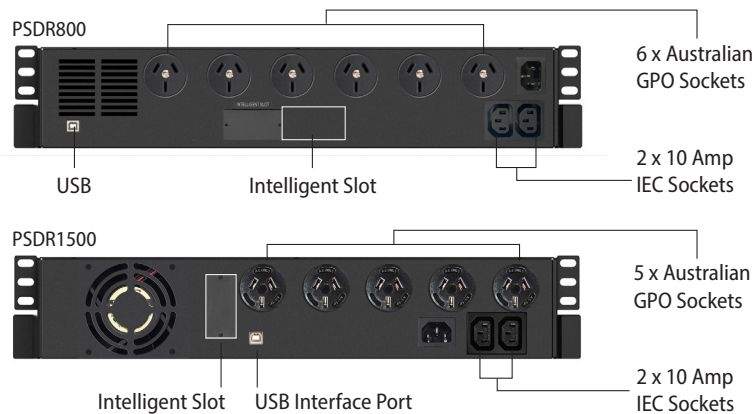
EXTRA SOCKETS

The 800VA model offers six wide-spaced Australian sockets and two IEC outlets, while the 1500VA model includes five Australian sockets and two IEC outlets, all designed for easy access for larger plugs.

COLD START FUNCTION

The UPS can start on batteries only and support its load.

AUSTRALIAN DESIGNED POWER PROTECTION SOLUTIONS

PowerShield®

PSDR800

USB — Intelligent Slot

6 x Australian GPO Sockets

2 x 10 Amp IEC Sockets

PSDR1500

Intelligent Slot — USB Interface Port

5 x Australian GPO Sockets

2 x 10 Amp IEC Sockets

DEFENDER RACKMOUNT		
MODEL	**DEFENDER 800**	**DEFENDER 1500**
Model Number	PSDR800	PSDR1500
Capacity	800VA / 480W	1500VA / 900W
Topology	Line Interactive	
INPUT		
Voltage	240VAC (Nominal)	
Voltage Range 1	177–290 VAC	
Frequency Range	50/60Hz ± 5Hz (auto sensing)	
OUTPUT		
Output Voltage	240 VAC ± 10%	
Frequency Range (Batt. Mode)	50Hz or 60Hz ±1Hz	
Transfer Time	6ms (Typical)	
Waveform (Batt. Mode)	Simulated Sine Wave	
Australian Outlets – UPS & Surge Protection	6	5
IEC Outlets	2x 10 Amp	
BATTERY		
Battery Type & Number	12V / 9Ah (x1)	12V / 9Ah (x2)
Typical Recharge Time	6 hours recover to 90% capacity	
Backup Time (50% Load)	8 min	
PROTECTION		
Full Protection	Overload, discharge and overcharge protection	
Surge Protection	312Joules / 6500Amps	
COMMUNICATIONS & MANAGEMENT		
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	
PHYSICAL		
Dimension L x W x H (mm)	230 x 438 x 86	300 x 438 x 86
Net Weight (kgs)	7.7	13.8
OPERATING ENVIRONMENT		
Temperature	0–40°C	
Humidity	0–90% RH (non-condensing)	
Noise Level	<40dB (no fan)	
COMPLIANCE		
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 = 0.6.