DYNAMIX™

UPSD1600 - 1600VA / 960W
Line Interactive UPS

PRODUCT SPECIFICATION



• Home Office • Work Stations • Rack Equipment
• CCTV • Point of Sale • Home Theatre

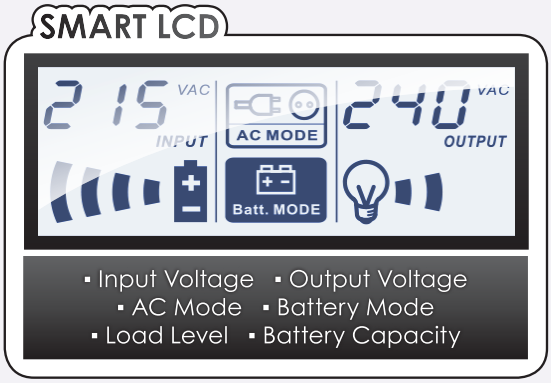
The Defender range uses Automatic Voltage Regulation (AVR) to minimize the effects of fluctuations in input voltage protecting your valuable equipment from power line disturbances.

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

The Defender USB communication port is compatible with Synology NAS products.

NetGuard™ UPS management software included.

Features
- Surge Protection, Best in its Class
- Australian/NZ outlets for UPS and Surge protection (x3)
- Australian/NZ 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



2 YEAR WARRANTY

936 JOULES | 19500 AMPS
SUPERIOR SURGE RATING

3 Ports with Battery Backup & Surge Protection **1**

3 Ports with Surge Protection **2**

Fanless Design. Ideal for Home Theatre Systems **3**

User Replaceable Batteries **4**

USB Communication for Monitoring & Shutdown Software Included **5**



DYNAMIX™

UPSD1600 - Line Interactive UPS

SPECIFICATION	
MODEL	**UPSD1600**
Capacity	1600VA / 960W
Topology	Line Interactive
INPUT	
Voltage	240Vac (Nominal)
Voltage Range	177-290Vac
Frequency Range	50/60Hz ±5Hz (Auto sensing)
OUTPUT	
Output Voltage	240Vac ±10%
Frequency	AC mode tracks utility. Battery mode 50Hz ±1%
Frequency Range	50Hz or 60Hz ±1Hz
Transfer Time	6ms (Typical)
Waveform (Battery Mode)	Simulated Sine Wave
Outlets	3x Surge Protection and 3x Surge Protection + UPS
BATTERY	
Battery Type & Number	12V* 9AH (x2)
Typical Recharge Time	6 hours recovery to 90% capacity
Backup Time (50% Load)	10 min
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
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	11.5kg
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

MODEL	POWER	RUN TIME (50% Load)	UPS SOCKETS + SURGE PROT.	SURGE PROTECTION SOCKETS
UPSD650	650VA / 390W	6 Mins.	2	
UPSD1200	1200VA / 720W	13 Mins.	3	3
UPSD1600	1600VA / 960W	10 Mins.	3	3