SmartPower™ SYSTEMS

A POWER QUALITY COMPANY

Designed for:
- Critical server
- Network
- Telecommunications equipment

DSS RT
UNINTERRUPTIBLE POWER SUPPLY

With Electronic Power Conditioner TBF™

1.5 - 2.2KVA

HIGH POWER DENSITY RACK-TOWER 2-IN-1 PURE SINEWAVE LINE INTERACTIVE UPS

Smart Power Systems DSS Rack/Tower 2U Pure Sine Wave output Line Interactive Uninterruptible Power Supply (UPS) is the correct product for poor power environments that affect MFP's and the critical servers, networks and telecommunications equipment it is entrusted to protect. The DSS-TBF UPS is the first uninterruptible power supply (UPS) with a Transformer Based Filter (TBF™) that also gives it the functionality of an electronic power conditioner. In addition to the standard back-up and voltage regulation abilities, it eliminates everyday disruptive line noise and improves surge protection to the lowest let-through levels.

The interactive LCD interface provides useful information on the UPS' operating mode, detailed UPS and site-power data, plus enables a variety of UPS setup and configuration options. UPSwing™ software is included for pro-active monitoring. The unit features Emergency Power Off (EPO) interface, hot-swappable, easy user replaceable batteries. Communications support via USB, RS-232, intelligent port for optional SNMP card interface.

FEATURES

- (EPO) Electronic Power Off functionality
- Electronic Power Conditioning
- 2U line interactive pure sine wave topology with 2200VA/1920W capacity
- 0.9 Power Factor
- Automatic Voltage Regulation (AVR) corrects brownouts and over voltages
- Two independently switchable output load banks with an option for a third
- LCD interface will support a number of advanced user setup and operating preferences

- Communications support via USB, RS-232, intelligent port for optional SNMP card interface
- UPSwing real time testing of battery's, runtime, load level and utility power conditions
- External Batter Module (EBM) for extended run time without interrupting operations
- HID-compliant USB port enables the port management capabilities of Windows and
- Mac operating systems

UPSwing
POWER MANAGEMENT SOFTWARE

Smart Power Systems provides a complete line of software solutions for standalone and networked computers, including SNMP support. Supports: Windows 2000, XP, 2003, Vista, 2008, 7, 2012, 8. UPSwing Pro™ for Linux, SCO Unix, Sun Solaris, FreeBSD and Windows with Networking capability is available
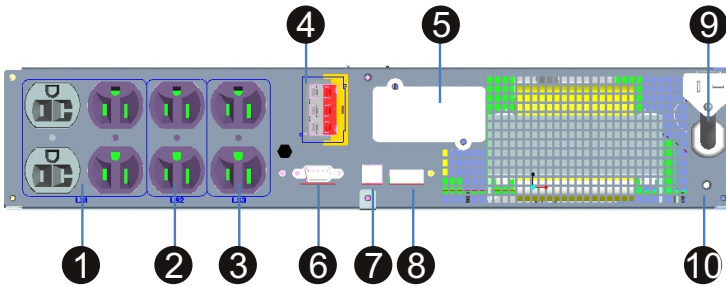
DSS2200RT-TBF

Rack Front

Rack With EBM

Tower position

Rear panel layout

1. Always on outlets (critical load)
2. Switchable outlet bank 1
3. Switchable outlet bank 2
4. EBM Connector for external battery module
5. Intelligent Slot for Smart SNMP card
6. RS232 Port
7. USB Port
8. EPO emergency power off
9. Input Plug
10. Grounding Lug

SPECIFICATIONS

MODEL	DSS1500RT-TBF	DSS2200RT-TBF
Maximum output power capacity	1500VA/1350W	2200VA/1920W
Nominal output voltage(s) supported	120V	
Battery - half load runtime (min)	9 min. (750W)	10 min. (960W)
Spike transient let-through voltage (Common Mode)	<0.5 Volts	
Spike transient let-through voltage (Normal Mode)	<10 Volts	
Communications interface	USB (HID enabled); DB9 Serial; EPO (emergency power off) Slot for SNMP/Web interface	
UPS output receptacles	8x5-15R outlet(s)	6x5-15R outlet(s) + 2x5-20R outlet(s)
UPS input connection type	5-15P	5-20P
UPS power module weight (lbs.)	41.88	47.39
UPS dimensions (DWH/in)	17.24 x 3.40 x 17.16	
UPS shipping dimensions (DWH/in)	21.25 x 8.75 x 21.12	

Specifications are subject to change without notice.

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