

### High Performance UPS With On-Line Power Conditioning, Automatic Voltage Regulator and Communication Port

**SSRMTBF Models**  
**800VA - 3000VA**



- ▶ Pure Sine Wave Output
- ▶ Automatic Save and Shutdown Software
- ▶ The Best Full Protection for Servers, P.O.S. and Telecommunication Systems

▶ **Patented TBF™ Integrated Units Feature the Performance of an Isolation Transformer Plus UPS at a Fraction of the Cost!**

- Features:**
- Line interactive design
  - Pure sine wave output
  - Automatic Voltage Regulator
  - Fully digitized microprocessor controlled
  - Short circuit and overload protection
  - Tel/Modem Internet (RJ11/45)
  - Smart RS232 communication port
  - 50/60 Hz auto sensing
  - Overload, backup and battery fault status LED
  - AVR boost and buck LED
  - Lightning and surge protection

- Energy saving (during battery mode, no load)
- Advanced battery management
- Cold start (DC power on)
- Automatically charging when UPS off
- User replaceable battery
- Automatic diagnostic and battery check
- Extended back-up time capability (optional)
- Pure sine wave output
- Load / battery power meter display
- SNMP capability

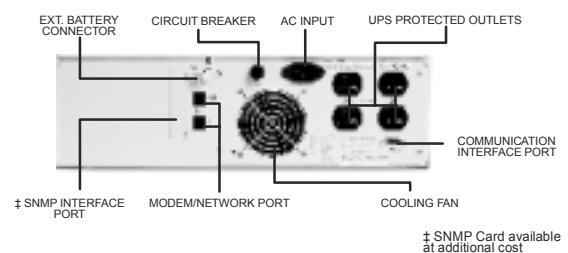
### The Smart TBF™ Integrated Advantage

Smart TBF™ is the first digital power conditioner with advanced patented technology (US Pat # 5721661) eliminates the effects of electrical noise and small spikes in the Common Mode Area to reduce disruptions in your computer system. It filters down the spikes to <10 Volts in Normal Mode and <0.5 Volts in Common Mode area. Only TBF™ Integrated UPS Offer the Performance of an Isolation Transformer plus UPS at a fraction of the cost.



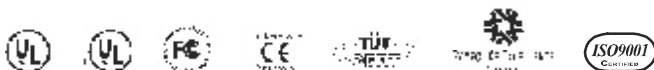
- ▶ Reduce Screen Lock-ups
- ▶ Reduce Service Calls
- ▶ Reduce Error Codes
- ▶ Reduce Corrupted Files and Data Loss

**SS**



SOFTWARE INCLUDED

**UPSwing Pro**  
POWER MANAGEMENT SOFTWARE



**1-800-882-8285**

**SmartPower**  
.....SYSTEMS™

### Specifications - 800VA - 3000VA

MODEL	SS800RM-TBF	SS1000RMTBF	SS1250RMTBF	SS1500RMTBF	SS2000RM-TBF	SS3000RMTBF
OUTPUT						
Capacity VA / W	800 / 480	1000 / 600	1250 / 750	1500 / 900	2000 / 1200	3000 / 1800
Voltage (on battery)	Pure sine wave at 120V ±5% -10% of nominal after low battery warning)					
Frequency (on battery)	50 or 60Hz ±0.5%					
Voltage Regulation (AVR)	AVR automatically increases output voltage 15% above input voltage if -9% to -25% of nominal. AVR decreases output voltage 15% below input voltage if +9% to +25% of nominal					
Transfer Time	2-4 milli seconds, including detection time					
INPUT						
Voltage	120V ±25%					
Frequency	50 or 60Hz ±5Hz (auto sensing)					
PROTECTION & FILTERING						
Spike Protection	1040 Joules					
Lowest Pass Through Voltage	<10V Normal Mode <0.5V Common Mode (N-G)					
EMI/RFI Filter	10dB at 0.15MHz, 50 dB at 30MHz					
Overload Protection	UPS automatic shutdown if overload exceeds 110% of nominal at 20 seconds and 125% at 2 seconds					
Unit Input	Fuse or circuit for overload & short circuit protection					
Tel / Fax / Network / Modem	Network (UTP / RJ11 / RJ45) compatible jacks					
Short Circuit	UPS output cuts off immediately or input fuse protection					
BATTERY						
Type	Sealed, maintenance-free lead acid					
Typical Recharge Time	4 hours (to 90% of full capacity)					
Protection	Automatic self-test & discharge protection, replace battery indicator					
Back-up Time (Minutes) Half Load	23.7	17.9	32.4	17.6	17.9	10.8
PHYSICAL						
Net Weight (Lbs. / Kg.)	39.6 / 18.0	44.5 / 20.0	54.40 / 24.67	55.36 / 25.11	65.0 / 29.50	69.4 / 31.54
Shipping Weight (Lbs. / Kg.)	42.9 / 19.5	47.8 / 21.72	57.7 / 26.22	62.10 / 28.16	71.85 / 32.58	77.5 / 35.22
Dimensions W x D x H (In.)	19 x 15 x 5.1					19 x 19.8 x 5.1
Input Inlet	IEC 320 power inlet			AC cord (5-15P)		Hard Wired Terminal
Receptacles UPS / Surge	4					4 NEMA 5-15R UPS + Hard Wired Terminal
ALARM						
Audible Warnings	On Battery, Battery Low, Overload					
Visual Indicators	UPS On, On Battery, Overload, Load and Battery Power Meter, Battery Fault Status, AVR Buck and Boost					
INTERFACE						
RS232 Interface	Detects power failure, battery low, schedule UPS on/off, AC power status display, bat / load level display					
CONFORMANCE						
Safety	UL, cUL, TUV, CE, FCC					
Surge	Meets IEEE 587 standard					
Warranty	Two years, including battery - \$25,000 Lifetime Connected Equipment Warranty					
ENVIRONMENT						
Ambient Operation	3,500 meters max. elevation, 0-95% humidity non-condensing 0-40 deg C					
Audible Noise (1 meter from surface)	<40dBA		<45dBA			
Storage Condition	15000 meters max. elevation					

220/230/240V models available. Consult factory for specifications and features.  
Specifications and features subject to change without notice.