

# SBP-TBF Series

UNINTERRUPTIBLE  
POWER SUPPLY

## SBP-TBF 400VA - 1000VA

*Complete Power Protection with Communication Port for Computers, Servers, Retail / POS Systems, Telecom, LAN and Peripherals*

*The First UPS System with Transformer-Based Filter (TBF™), an Electronic Power Conditioner. Eliminates Line Noise in Addition to Surge Protection and Battery Back-up.*



- ▶ Electronic Power Conditioning (TBF™).
- ▶ Patent-pending "SMART GROUND" technology. It controls ground noise to protect network systems and eliminates ground loop current.
- ▶ Automatic Voltage Regulator (AVR).
- ▶ Automatic save and shutdown software for unattended computers.
- ▶ Industry's first 4 year pro-rated battery warranty.
- ▶ \$25,000 connected equipment protection warranty.



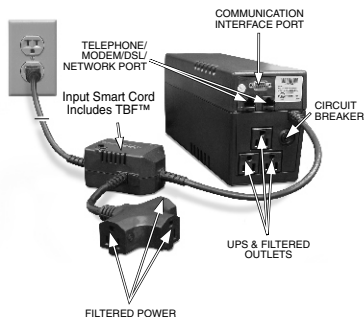
Supports: Win 95 / 98 / ME / XP / 2000 / 2003 / NT

UPSwing Pro™ for Novell, Linux, SCO Unix, Solaris and Windows with Networking capability is available.

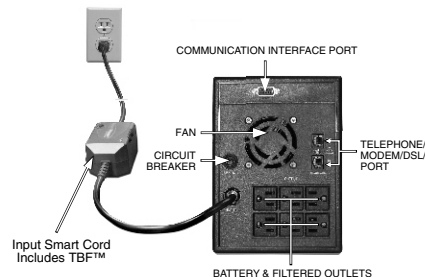
### Features:

- Line interactive design
- Automatic Voltage Regulator
- Automatic save and shutdown software for unattended computer
- Fully digitized microprocessor controlled
- DB9 (RS232) and USB port (under 1000VA in USB models)
- Tel / Modem / Internet / DSL / Network (RJ11/45) Protection (1000VA and above RJ11 only)
- Short circuit and overload protection
- 50/60 Hz auto sensing
- Low battery indicator (audible)
- Hot swappable battery (1000VA and above)
- Cold start (DC power on)
- Two year equipment warranty

REAR PANEL 400V-800V



REAR PANEL 1000V



USB PORT IS AVAILABLE



1-800-882-8285

**SmartPower**<sup>TM</sup>  
.....SYSTEMS

PROTECTING ELECTRONIC SYSTEMS  
ALL DAY, EVERY DAY.<sup>TM</sup>

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## Specifications - 400VA - 1000VA

MODEL	SBP400-TBF	SBP600-TBF	SBP800-TBF	SBP1000-TBF
<b>OUTPUT</b>				
Capacity VA / W	400 / 240	600 / 360	800 / 480	1000 / 600
Voltage (on battery)	Simulated sine wave at 115V ±10%			
Frequency (on battery)	50 or 60Hz ±0.5%			
Voltage Regulation (AVR)	AVR automatically increases output voltage 17% 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	2-6 milli seconds, including detection time			4-6 milli seconds, including detection time
<b>INPUT</b>				
Voltage	85 - 140VAC			90 - 140VAC
Frequency	50 or 60Hz ±10% (auto sensing)			
<b>PROTECTION &amp; FILTERING</b>				
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	UPS automatic shutdown if overload exceeds: 1) Line mode: 110% of nominal at 5 minutes, 120% immediately 2) Battery mode: 110% of nominal at 5 seconds, 120% immediately			UPS automatic shutdown if overload exceeds: 1) Line mode: 110% of nominal at 5 minutes, 120% immediately 2) Battery mode: 110% of nominal at 10 seconds, 120% immediately
Tel / Fax / Modem / DSL / Network	RJ11/45			RJ11
Short Circuit	UPS output cuts off immediately or input fuse protection			UPS output cuts off immediately or circuit breaker protection
<b>BATTERY</b>				
Type	Sealed, maintenance-free lead acid			
Typical Recharge Time	8 hours (to 90% of full capacity)			
Back-up Time (Minutes) Half Load	7	8	7	10
<b>PHYSICAL</b>				
Net Weight (Lbs. / Kg.)	11 / 5	12.6 / 5.7	14.8 / 6.7	22.80 / 10.4
Shipping Weight (Lbs. / Kg.)	12.4 / 5.6	14 / 6.4	16.4 / 7.4	25.25 / 11.5
Dimensions D x W x H (In.)	12.99 x 3.93 x 5.51 (330 x 100 x 140)			15.70 x 5.70 x 8.07 (399 x 145 x 205)
Input Inlet	AC Cord (5-15P)			
Receptacles	3-NEMA 5-15R (BATTERY AND FILTERED) + 3 NEMA 5-15R (FILTERED)			6-NEMA 5-15R (BATTERY AND FILTERED)
<b>ALARM</b>				
Audible Warnings	On Battery, Battery Low, Overload, Battery Replacement, Fault			On Battery, Battery Low, Overload (beeping), Fault, Battery Replacement
Visual Indicators	UPS On, On Battery			UPS On, On Battery, Fault, Load Level (AC mode), Battery Capacity (DC mode)
<b>INTERFACE</b>				
Monitoring by Software	DB9 (RS232) and USB (under 1000VA in USB models)			
Safety	Power failure, battery low, schedule UPS on/off, AC power status, battery / load level			
Surge	cUL, UL			
Warranty	Meets IEEE 587 standard			
ENVIRONMENT	Two years on the SBP unit and \$25,000 Lifetime Connected Equipment Warranty			
Ambient Operation	0-90% humidity non-condensing 0-40 deg C			
Audible Noise (1 meter from surface)	<40dBA			

220/230/240V models available. Consult factory for specifications and features.

SBP models under 1000VA come with USB port. USB models should have "USB" after the VA, i.e. SBP600USB.

Specifications and features subject to change without notice.

**LIMITED PRODUCT WARRANTY**  
All SBP-TBF units carry a 2 year  
Warranty. See our website for details.

**CONNECTED EQUIPMENT PROTECTION POLICY**  
If the Smart Power Systems equipment fails and this failure causes  
the surges to pass through and damage the connected equipment,  
Smart Power Systems will pay for the repair or replacement of the  
connected equipment up to \$25,000 in accordance to Connected  
Equipment Protection Policy . See our website for details -  
[www.smartpowersystems.com](http://www.smartpowersystems.com)

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ALL DAY, EVERY DAY<sup>TM</sup>