

Specifications - Smart Back Plus TBF UPS 400VA - 800VA

MODEL	SBP400-TBF	SBP500-TBF	SBP600-TBF	SBP800-TBF
OUTPUT				
Capacity VA / W	400 / 240	500 / 300	600 / 360	800 / 480
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			
INPUT				
Voltage	85 - 140VAC			
Frequency	50 or 60Hz ±10% (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	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			
Unit Input	Fuse for overload & short circuit protection			
Tel / Fax / Modem / DSL	RJ11compatible jacks			
Short Circuit	UPS output cuts off immediately or input fuse protection			
BATTERY				
Type	Sealed, maintenance-free lead acid			
Typical Recharge Time	8 hours (to 90% of full capacity)			
Back-up Time (Minutes) Half Load	10	14	11	10
PHYSICAL				
Net Weight (Lbs. / Kg.)	12 / 5.5	13.2 / 6	14.3 / 6.5	15.4 / 7
Shipping Weight (Lbs. / Kg.)	13.2 / 6	14.4 / 6.5	15.5 / 7	16.6 / 7.5
Dimensions D x W x H (In.)	13 x 3.9 x 5.5			
Input Inlet	Nema 5-15P plug			
Receptacles	3-NEMA 5-15R UPS + 2 NEMA 5-15R surge only			
ALARM				
Audible Warnings	On Battery, Battery Low, Overload, Battery Replacement, Fault			
Visual Indicators	UPS On, On Battery			
INTERFACE				
UPSWING for Windows	DB9-RS232			
Optional Software	Software detects power failure, battery low, schedule UPS on/off, AC power status display, bat / load level display			
CONFORMANCE	UPSWING PRO for Novell, SCO UNIX, Linux, Sun, Solaris			
Safety	cUL, UL, TUV			
Surge	Meets IEEE 587 standard			
Warranty	Two years for the SBP unit. Four years pro-rated battery warranty. \$25,000 Lifetime Connected Equipment Protection Warranty			
ENVIRONMENT				
Ambient Operation	0-90% humidity non-condensing 0-40 deg C			
Audible Noise	<40dBA (1 meter from surface)			

Specifications - Smart Back Plus TBF UPS 1000VA - 2000VA

MODEL	SBP1000-TBF	SBP1400-TBF	SBP2000-TBF
OUTPUT			
Capacity VA / W	1000 / 600	1400 / 840	2000 / 1080
Voltage (on battery)	Simulated sine wave at 115V \pm 10%		
Frequency (on battery)	50 or 60Hz \pm 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	4-6 milli seconds, including detection time		
INPUT			
Voltage	90 - 140VAC		
Frequency	50 or 60Hz \pm 10% (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	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		
Unit Input	Circuit breaker for overload & short circuit protection		
Tel / Fax / Modem / DSL	RJ11 compatible jacks		
Short Circuit	UPS output cuts off immediately or input circuit breaker protection		
BATTERY			
Type	Sealed, maintenance-free lead acid		
Typical Recharge Time	8 hours (to 90% of full capacity)		
Protection	Automatic self-test & discharge protection, replace battery indicator		
Back-up Time (Minutes) Half Load	15	13	9
PHYSICAL			
Net Weight (Lbs. / Kg.)	31.86 / 14.5	32.7 / 14.9	36.7 / 16.7
Shipping Weight (Lbs. / Kg.)	35.5 / 16.1	36.4 / 16.5	40.4 / 18.4
Dimensions D x W x H (In.)	14.5 x 5.5 x 7.1		
Input Inlet	AC cord (5-15P)		AC cord (5-20P)
Receptacles	4-NEMA 5-15R UPS		6-NEMA 5-15R UPS
ALARM			
Audible Warnings	On Battery, Battery Low, Overload (beeping), Fault, Battery Replacement		
Visual Indicators	UPS On, On Battery, Fault, Load Level (AC model) Battery Capacity (DC model)		
INTERFACE			
UPSWING for Windows	Software detects power failure, battery low, schedule UPS on/off, AC power status display, bat / load level display		
Optional Software	UPSWING PRO for Novell, SCO UNIX, Linux, Sun, Solaris		
CONFORMANCE			
Safety	cUL, UL, TUV		
Surge	Meets IEEE 587 standard		
Warranty	Two years for the SBP unit. Four years pro-rated battery warranty. \$25,000 Lifetime Connected Equipment Protection Warranty		
ENVIRONMENT			
Ambient Operation	0-90% humidity non-condensing 0-40 deg C		
Audible Noise	<40 dBA (1 meter from surface) (AC model) <45 dBA (DC model)		

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