

## Specifications - Smart Back TBF UPS 400VA - 700VA

MODEL	SBK400-TBF	SBK500-TBF	SBK600-TBF	SBK700-TBF
<b>OUTPUT</b>				
Capacity VA / W	400 / 240	500 / 300	600 / 360	700 / 420
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	2-6 milli seconds, including detection time			
<b>INPUT</b>				
Voltage	85 - 140VAC			
Frequency	50 or 60Hz $\pm$ 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			
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			
<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	10	14	11	12
<b>PHYSICAL</b>				
Net Weight (Lbs. / Kg.)	11.7 / 5.3	12.8 / 5.9	13.9 / 6.4	14.7 / 6.72
Shipping Weight (Lbs. / Kg.)	12.6 / 5.8	13.7 / 6.3	14.8 / 6.8	15.9 / 7.1
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			
<b>ALARM</b>				
Audible Warnings	On Battery, Battery Low, Overload, Battery Replacement, Fault			
Visual Indicators	UPS On, On Battery			
<b>CONFORMANCE</b>				
Safety	cUL, UL, TUV			
Surge	Meets IEEE 587 standard			
Warranty	Two years for the SBK unit. Four years pro-rated battery warranty. \$25,000 Lifetime Connected Equipment Protection Warranty			
<b>ENVIRONMENT</b>				
Ambient Operation	0-90% humidity non-condensing 0-40 deg C			
Audible Noise	<40dBA (1 meter from surface)			

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