UniStar® SB
UniStar Smart Business Series
400-2000VA



Line Interactive, Single Phase UPS

The UniStar® Smart Business (SB) Touch Screen LCD Line Interactive UPS provides comprehensive power protection in a small and economic package. The UPS prevents data loss and protects electronic equipment, such as PCs, workstations, networking devices/VoIP, POS systems, and entertainment systems, from harmful power problems. In addition to protecting against surges and spikes, it also provides pure voltage with built-in AVR stabilizer. The UPS will continue providing clean and stable power to connected equipment while its embedded microprocessor controller guarantees high reliability, perfect for any small office application.

Touch Screen LCD

- Touch screen multi-function LCD provides input/output voltage, battery capacity, load level and other status information

Automatic Voltage Regulation (AVR)

- Buck-boost Automatic Voltage Regulation (AVR) maintains healthy voltage conditions without using battery power

Output Connections

- The UniStar SB offers battery backup & surge protected outlets

Small Light Weight Mini-Tower Design

- The UniStar SB offers battery backup & surge protected Outlets

3-Year Limited Warranty

- Guaranteed protection and battery backup power for your valuable electronics, ensuring they remain safe from dangerous power disturbances

Technical Specification

MODEL	SB-04001	SB-06001	SB-08001	SB-10001	SB-15001	SB-20001
Capacity VA / Watts	400 VA	600 VA	800 VA	1000 VA	1500 VA	2000 VA
	240 W	360 W	480 W	600 W	900 W	1200 W
INPUT						
Voltage	110/120VAC					
Voltage Range	81-145 VAC					
Frequency Range	60/50Hz (Auto sensing)					
OUTPUT						
Output Voltage	110/120VAC					
AC Voltage Regulation (Bat Mode)	+/-10%					
Frequency Range (Bat Mode)	50Hz or 60Hz +/-1Hz					
Transfer Time	Typical 2-6 ms					
Waveform (Bat Mode)	Simulated Sinewave					
BATTERY						
Battery Type & Number	12V/4.5Ah x1	12V/7Ah x1	12V/9Ah x1	12V/7Ah x2	12V/9Ah x2	12V/9Ah x2
Typical Recharge Time	4 hours recover to 90% capacity			4-6 hours recover to 90% capacity		
*50% Load Runtime (min)	7	6	6	10	5	4
PROTECTION						
Full Protection	Overload, Discharge and Overcharge Protection					
AUDIBLE & VISUAL ALARMS						
Battery Mode	Sounding every 10 seconds					
Low Battery	Sounding every second					
Overload	Sounding every 0.5 second					
Fault	Continuously sounding					
**PHYSICAL WEIGHT & DIMENSIONS D" x W" x H" / [mm]						
Dimension, DxWxH (mm)[in]	300 x 101 x 142 [11.8 x 4.0 x 5.6]			320 x 130 x 182 [12.6 x 5.1 x 7.2]		
Weight (kgs)	3.7	4.4	5	8.2	10.4	10.6
Receptacles	(4) 5-15	(6) 5-15	(6) 5-15	(6) 5-15	(8) 5-15	(8) 5-15
ENVIRONMENT						
Humidity	0-90% RH @ 0-40 degC (Non-Condensing)					
Noise Level	Less than 40 dB					
COMMUNICATION						
Connection	USB					
Software	ViewPower					

* Actual battery runtime is dependent on battery condition, age, temperature and state of charge
**Always reference Spec Control Drawing (SCD) for the most current & accurate dimensions and weights

Staco Service
Field Service Program

Staco specializes in providing choice and flexibility by developing tailored solutions for preventive and remedial maintenance services, as well as emergency repairs for all of our products. Staco Service is built upon a nationwide network of highly trained and motivated customer support engineers and technicians who can provide professional services and care throughout the life of your equipment.

- ***Start-Ups***
- ***Preventive Maintenance***
- ***Spare Parts***
- ***Battery Analysis/Refresh/Replacement***
- ***On-Site Training***
- ***Time & Material Services***
- ***ServiStar: Providing security beyond our standard warranty***

Why Staco Energy Products?

Because we are your tailored power solutions provider!

Unique application design demands, harsh environment concerns, the need to meet non-standard physical space requirements—providing the "not so usual" is what we do best. From leading edge uninterruptible power supplies, power conditioners, power factor and harmonic correction equipment, to the world's most stable voltage control systems, we have the technology you need to protect and manage your business, and the knowledge to make it work for you.



Since 1937, customers worldwide have relied on Staco Energy as their tailored solutions provider, to solve a wide range of electrical power problems. Headquartered in Dayton, Ohio, Staco Energy Products is a wholly owned subsidiary of Components Corporation of America, located in Dallas, Texas.

STACO ENERGY® PRODUCTS CO.

Your Tailored Power Solutions Provider™

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