

SB-1000

Uninterruptible Power Supply

FURMAN
PURIFY YOUR POWER



**Backup power for
computers and critical
micro-processing components**

Furman is proud to introduce the new rack mountable Uninterruptible Power Supply SB-1000, specifically designed for stage and studio applications. Never again will musicians or studio professionals need to worry about damaging sensitive digital equipment or losing hours of studio work in the event of a power outage.

Features

- 600 watt / 5 amp capacity
- 3 minute backup at full 5 amp load. 32 minute backup with typical computer / monitor
- Computer software included
- Adjustable input voltage for 110-240VAC. With output voltage of 120VAC
- RS-232 interface performs monitoring functions and provides orderly computer shutdown
- Phone and fax line protection
- Includes 19 inch rack mount ears
- UL - CUL listed

Onstage, the ruggedly constructed, single rack space SB-1000 can safely keep computer laptops, micro-processing components, and keyboards running until the user can safely power them down. The SB-1000's brownout and surge protection prevent the data loss and corruption that can cripple sensitive equipment. In the studio, the Furman SB-1000 can safely save and close critical applications and then power down a CPU and monitor along with additional peripherals, such as hard drives, CD/DVD burners, etc. The Furman SB-1000's passive cooling allows for super quiet operation in critical listening environments.

The Furman SB-1000 features a generous 1000VA / 600 watts capacity from its step-up/step-down multi-tap Toroid transformer. A current overload alarm activates at 10 amps total capacity. An additional alarm activates when in battery back-up mode. The unit will provide a 3-minute back-up with a 5-amp RMS load, and 32-minutes of back-up with a typical computer and monitor load. When used as a computer system back-up, a standard UTP-RJ45 network jack allows for automatic shutdown of critical applications.

The SB-1000 features 5 AC outlets, (4 for backup with a 5 amp total load) and 1 bypass outlet, (4 amps total, for higher amperage units) so additional computer peripherals and electronic devices can be safely powered down. Additional features include adjustable line voltage from 110/115/120 VAC, two step regulation, and an programable line frequency of 50 or 60 hertz. (Internal jumpers). The front panel features convenient ON/OFF switches for the backup and bypass outlets, a test switch that allows battery status check, as well as a line/backup indicator LED.

SB-1000 SPECIFICATIONS

Current rating:

5 amps / 600 watts

Over Voltage Regulation:

130 VAC switches to 120 VAC output

Under Voltage Regulation:

109 VAC switches to 125 VAC output

Spike Protection Modes:

Line to neutral, line to ground, neutral to ground

Spike Clamping Voltage:

Initial turn-on at 200 volts; TVSS rating of 400 volts peak at 500 amps, L-N, N-G, L-G (tested to UL-1449)

Response time:

1 nanosecond

Maximum surge current:

6,500 amps

Output:

Two-step square wave

Switching Modes:

Switches to battery backup at 89 VAC low line or 150 VAC high line, bypasses backup at 95 VAC and 140 VAC

Maximum Load Alarm:

10 amps

Mechanical:

Dimensions: 1.5" H x 15" W x 14.5" D
1.5" H x 19" W x 14.5" D with rack ears
Weight: 20 lbs (9 kg)
Construction: Steel chassis, glass epoxy printed circuit boards

Power Consumption:

15 watts (idle)

Safety Agency Listings:

C-UL