

SB Series

SB-K/ -Q Series Line-interactive UPS(400-2000VA)

System Introduction

- ◆ Full-digitized control with comprehensive monitoring and protections
- ◆ Multi-Level AVR function under utility mode to protect connecting devices/loads.



Product Features

- ◆ MCU Controlled;
- ◆ Auto-Restart;
- ◆ Cold-Start;
- ◆ Built-in Intelligent Charger;
- ◆ Offline Charging;
- ◆ Optional USB/RS-232 and RJ-11/RJ45;
- ◆ AVR Function;
- ◆ Modified Sinewave;
- ◆ LCD Screen Optional

Compatible Applications/Loads

SB Series UPS can be used as office devices backup power, PCs, POS machine, SOHO, or other small security devices.



Specification

Capacity	400VA/240W	650VA/390W	800VA/480W	1000VA/600W	1200VA/720W	1500VA/900W	2000VA/1200W
Host Machine Specification							
UPS Structure	Line-Interactive Design						
Protection Functions	Overload; Short-Circuit; Over Temp.; Utility Voltage High/low; BAT Voltage High/low(Shutdown Protection)						
Overload	> 110% Alarm Shutdown						
Surge/Short-Circuit Protection	Input Fuses Protection(AC Mode),Circuit Auto Protection(BAT Mode)						
Display	LCD Display, UPS Operational Status, BAT Fault, other fault information						
Alarm	Utility Power Fault, BAT Low, Overload, UPS Fault						
Mute	Auto						
Temperature	0 ~ 40℃						
Humidity	< 95% Non-Condensing						
Input Specification							
Input Voltage Range	140-290Vac					170-280Vac	
Input Frequency Range	50Hz±10%						
Output Specification							
AVR	Intelligent Auto AVR Function						
Output Voltage (AC mode)	220Vac±10%						
Output Voltage (BAT Mode)	220Vac±10%						
Output Freq. (BAT Mode)	50Hz±10%						
Output Waveform	Modified Sine wave (BAT Mode)						
AC-DC Switching Time	2-6ms						
BAT Parameters							
Type	Sealed Lead-Acid Maintenance Free Battery						
Rated Voltage/ Units	12V/4Ah×1P	12V/7Ah×1P	12V/9Ah×1P	12V/7Ah×2P	12V/7Ah×2P	12V/9Ah×2P	12V/9Ah×2P
Charging Time	4-6 Hours to 90%						
Backup Time	3-10 Minutes						
Physical Specification							
Size mm (W×H×D)	101×297×142			140×370×165			
Net Weight Kg	3.5	4.2	4.9	8.0	9.6	11.1	11.5

Note: Specification are subject to change without further notice.



SB-K Series(400-2000VA)

SB-Q Series(400-2000VA)

SB Series

SB-S/-A Series Line-interactive UPS (500-3000VA)

System Introduction

- ◆ Full-digitized control with comprehensive monitoring and protections
- ◆ Multi-Level AVR function under utility mode to protect connecting devices/loads.



Product Features

- ◆ MCU Controlled;
- ◆ Auto-Restart;
- ◆ Cold-Start;
- ◆ Built-in Intelligent Charger;
- ◆ Offline Charging;
- ◆ Optional USB/RS-232 and RJ-11/RJ45;
- ◆ AVR Function;
- ◆ Modified Sinewave;
- ◆ LCD Screen Optional

Compatible Applications/Loads

SB Series UPS can be used as office devices backup power, PCs, POS machine, SOHO, or other small security devices.



Specification

Capacity	650VA/390W	800VA/480W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W
Host Machine Specification						
UPS Structure	Line-Interactive Design					
Protection Functions	Overload; Short-Circuit; Over Temp.; Utility Voltage High/low; BAT Voltage High/low(Shutdown Protection)					
Overload	> 110% Alarm Shutdown					
Surge/Short-Circuit Protection	Input Fuses Protection (AC Mode) , Circuit Auto Protection (BAT Mode)					
Display	LCD Display, UPS Operational Status, BAT Fault, other fault information					
Alarm	Utility Power Fault, BAT Low, Overload, UPS Fault					
Mute	Auto					
Temperature	0 ~ 40℃					
Humidity	< 95% Non-Condensing					
Input Specification						
Input Voltage	110V/120Vac or 220/230/240Vac					
Input Voltage Range	67-137Vac or 135-275Vac					
Input Frequency Range	50Hz±10%					
Output Specification						
AVR	Intelligent Auto AVR Function					
Output Voltage (AC mode)	220Vac±10%					
Output Voltage (BAT Mode)	220Vac±10%					
Output Freq. (BAT Mode)	50Hz±10%					
Output Waveform	Modified Sine wave(BAT Mode)					
AC-DC Switching Time	4-6ms					
BAT Parameters						
Type	Sealed Lead-Acid Maintenance Free Battery					
Rated Voltage/ Units	12V/7Ah×1 Unit	12V/9Ah×1 Unit	12V/7Ah×2 Units	12V/9Ah×2 Units	12V/7Ah×4 Units	12V/9Ah×4 Units
Charging Time	4-6 Hours to 90%					
Backup Time	3-10 Minutes					
Communication Port						
Communication Port	Support Windows XP/Vista, Windows 7/8, Linux, Unix, and MAC					
Physical Specification						
Size mm (W×D×H)	320×90×140	320×100×150	365×138×165		390×145×165	
Net Weight Kg	5.8	6.2	10	11	13.5	17.5

Note: Specification are subject to change without further notice.