

SOLTEC

Uninterruptible Power Supplies

BS / BS-L Series

Line Interactive UPS With Stabilizer



Features

(All Models are Isolated Transformer Structure)

- True Line Interactive with Digital Microprocessor Control
- Adjustable Voltage Sensitivity, Voltage Transfer Points, Charging Volt-Amp, Green Power & Overload Shutdown
- Built-in Buck & Boost AVR / Stabilizer
- Extra Wide Input Range (up to +/-35%)
- The Full Bridge Inverter are suitable for Inductive Loads, Generator Compatible
- All-in-one Button for Self-Test, Alarm-reset & DC Start
- Extendable Backup Time Available (BS-L Series)
- Cold-Start Capable
- Remaining Back-up Time Indication (LCD version)
- Protection for Overload, Surge, Short Circuit, & Overheat
- "Green Power Mode" to saving battery life
- UPS Software Compatible with All Major O.S., Including Windows, Linux, SCO UNIX & DOS (Optional)

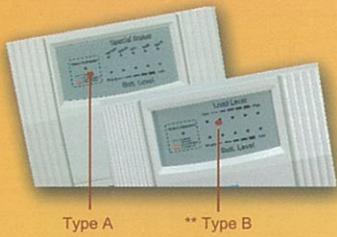


** OPTIONS :

Advance Features

Multiple Display Panel

I. LED Version :



Type A ** Type B

II. LCD Version : Over 20 items of operation data can be displayed on the LCD screen



Hot-swappable Batteries

User replaceable without having to shut down the load



Remote LCD control

remote monitoring device that can overview over 20 operating items of UPS on real time. it is compatible with all SOLTEC UPS such as BS/BS-L and SS/SS-L series, and communicate with UPS from the distance as long as you need with the RJ-45 cable.



Multiple Interface Cards

Completed UPS Software management with Multi-interface Selection, Including Dual RS-232/Dry Contact, RS-485, AS-400, SNMP (LAN) / HTTP (WEB)...interface ports



Expendable Back-up Time

For Series Long Back-up (BS-L) UPS, user can extend the back-up time as needed



* SPECIFICATIONS : UPS with Inverter Function

INPUT	Voltage	Selectable 100/110/115/120Vac 1 ϕ or 200/220/230/240Vac 1 ϕ +/-25% (up to +/-35%)
	Frequency	50Hz/60Hz +/- 10% (Auto detected)
	Voltage (Inverter Mode)	Selectable 100/110/115/120Vac 1 ϕ or 200/220/230/240Vac 1 ϕ +/-3%
OUTPUT	Frequency (Inverter Mode)	50Hz/60Hz +/-0.1%
	Wave Form	Simulated Pseudo Sine Wave
	Efficiency	>= 98%
TRANSFER TIME		2 ms typical
BATTERY	Type	Sealed Lead - Acid, maintenance free
	Charger	CCCV Intelligent Charger to Control the Current, Voltage, and Protect the Over Charge,
	Recharge Time to 90%	Charging time : 90% within 2 Hrs
LED		5 Steps Battery Voltage Level (20/40/60/80/100%), Battery : Normal / Low / Replacement / Charging, AC Power In / Normal Utilith Power. Low Voltage Utility Power, Backup Mode, AVR Mode, Buck & Boost Mode, Over Load, Alarm Off, UPS Fault, Timer is enabled.
	Type A (Standard)	5 Steps Battery Voltage Level & 5 Steps Load Level (20/40/60/80/100%), Low battery, AC Power In / Normal Utility Power. Low Voltage Utility Power, Backup Mode, Over Load, UPS Fault, Timer is enabled.
DISPLAY	**Type B (Option)	5 Steps Battery Voltage Level & 5 Steps Load Level (20/40/60/80/100%), Over load, Load Level, UPS is loaded, Normal Mode, Battery Mode, Tast Mode, Buck & Boost Mode, Timer is enabled, Thermal Alarm, Fan is in "high speed", Silence mode, UPS Fault, Battery : Normal / Low / Replacement /DC Voltage, AC voltage input & output, AC frequency output, Temperature, Timer (Min. To Off, Hr. To On), Remaining backup time, Bypass Mode.
	**LCD (Option)	5 Steps Battery Voltage Level & 5 Steps Load Level (20/40/60/80/100%), Over load, Load Level, UPS is loaded, Normal Mode, Battery Mode, Tast Mode, Buck & Boost Mode, Timer is enabled, Thermal Alarm, Fan is in "high speed", Silence mode, UPS Fault, Battery : Normal / Low / Replacement /DC Voltage, AC voltage input & output, AC frequency output, Temperature, Timer (Min. To Off, Hr. To On), Remaining backup time, Bypass Mode.
OUTPUT ARID CONNECTION		Standard : NEMA x 4 - 8 Pcs, **(Option : IEC / German / Universal / Screw terminal)
SPECIAL FUNCTION		AC Start, DC Start, Alarm Reset, **(Optional for Automatic & Manual Bypass switch)
PROTECTION		Automatic Self - Test System, Over load, Over & Under Voltage, Surge & Spike, Short Circuit, EMI / RFI Noise Fiter, Overheat, Battery Discharge Limit, No Load Auto Shut down.
INTERFACE PORT		RS-232 / DB-9 (Dry Contact) / **(Option : USB Port or Additional Multi-interfaces Card)
AUDIBLE ALARM		Utility Good / Outage, Timer on, Back-up (No Load/Loaded), Battery Low, Over Load, UPS Fault, Thermal Alarm (Over Heat)
PROTECTION PORT ** (Option)		Surge protection for Phone line (RJ-11) or Data line (RJ-45) or Printer (Plug outlet)
REMOTE LCD PANEL ** (Option)		A hand held display module with LCD can monitor UPS's statuses with RJ-45 (Option: RS-232) connected in series from distance <= 1000M
ENVIRONMENT TEMP. / HUMIDITY / ACOUSTIC NOISE		0-45 degree / 0-95% Non-Condensing / <40 dBA at 1 meter

STANDARD UPS >> 15 - 30 MINS BACKUP TIME (Depends on load)

MODEL	POWER RATING	BATTERY Volt. / Capacity	DIMENSION (LxHxW) / WEIGHT
BS-1200	1000VA	12V 7Ah x 2 pcs	38 x 20 x 18cm / 15Kgs
BS-1700	1500VA	12V 7Ah x 3 pcs	45 x 20 x 18cm / 20Kgs
BS-2200	2000VA	12V 7Ah x 4 pcs	51 x 20 x 18cm / 25Kgs
BS-3000	3000VA	12V 7Ah x 6 pcs	51 x 20 x 18cm / 25Kgs

LONG BACKUP UPS >> BACKUP TIME Depends on the quantities of battery

MODEL	POWER RATING	DC Volt.	DIMENSION (L x H x W) / WEIGHT	
			Main UPS W/O Batt.	** IN / EXTERNAL Battery Case Design
BS-800L	650VA	24	38 x 20 x 18cm / 10Kgs	SS-BA Small Case : 47.5 x 20 x 18cm / ***
BS-1000L	1000VA	12	45 x 20 x 18cm / 14Kgs	SS-BC Medium Tower : 59 x 58 x 22cm / ***
BS-1200L	1000VA	48	45 x 20 x 18cm / 14Kgs	SS-BB Hight Tower : 59 x 73.5 x 22cm / ***
BS-1800L	1500VA	48	45 x 20 x 18cm / 14Kgs	SS-BD Big Tower : 63.5 x 79 x 41cm / ***
				SR-BB 19" Rack Mount : 60.5 x 27 x 48.5cm / ***

* Specifications are subject to change without prior notice.

** Option specification

*** Depends on Quantities of Battery

Spec. STD.01-07-12

SOLTEC
Total Power Solution

www.u-pt.com