



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  $\pm 35\%$ )
- 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)



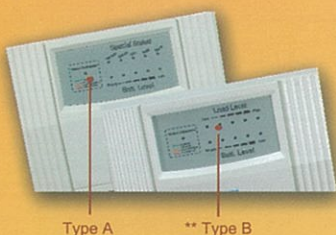


## \*\* OPTIONS :

### 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 expend the back-up time as needed

#### Battery Case



## \* SPECIFICATIONS : UPS with Inverter Function

|   |                           |   |
|---|---------------------------|---|
| INPUT   | Voltage                   | Selectable 100/110/115/120Vac 1 $\phi$ or 200/220/230/240Vac 1 $\phi$ +/-25% (up to +/-35%)   |
|   | Frequency                 | 50Hz/60Hz +/- 10% (Auto detected)   |
|   | Voltage (Inverter Mode)   | Selectable 100/110/115/120Vac 1 $\phi$ or 200/220/230/240Vac 1 $\phi$ +/-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)            | Standard : NEMA x 4 - 8 Pcs, **(Option : IEC / German / Universal / Screw terminal) AC Start, DC Start, Alarm Reset, **(Optional for Automatic & Manual Bypass switch) Automatic Self - Test System, Over load, Over & Under Voltage, Surge & Spike, Short Circuit, EMI / RFI Noise Filter, 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

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Total Power Solution

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