



Uninterruptible Power Supplies

SS / SS-L Series

Pure Sine Wave, Line Interactive UPS



Features

(All Models are Isolated Transformer Structure)

- True Line Interactive, Sine Wave Output
- 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
- Automatic & Manual Bypass function **(Option)
- Remaining Back-up Time Indication (LCD version)
- Extended Back-up Time Available (SS-L Series)
- Protection for Overload, Surge, Short Circuit, & Overheat
- Cold-start & Green Power Mode to Saving Battery Life.
- UPS Software Compatible With All Major O.S., Including Windows & Netware, Linux & BSD, SCO UNIX & DOS



** 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, USB, RS-485, AS-400, SNMP (LAN) / HTTP (WEB)...interface ports



Extendable Back-up Time

Batteries cabinet for Series Long Back-up (SS-L) UPS, user can extend the back-up time as needed

Battery Case



* 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)
OUTPUT	Voltage (Inverter mode)	Selectable 100/110/115/120Vac 1 ϕ or 200/220/230/240Vac 1 ϕ +/-1%
	Frequency (Inverter mode)	50/60Hz or 60Hz +/-0.1%
	Wave Form (Normal & Inverter mode)	Pure Sine Wave
	Efficiency	>= 98%
TRANSFER TIME		1~2 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%	Within 2 hrs
DISPLAY	LED	5 Steps Battery Voltage Level & 5 Steps Load Level (20/40/60/80/100%), Battery Low / AC Power In / Normal Utility Power, Low Voltage Utility Power, Back-up Mode, Over Load, UPS Fault, Timer is Enable,
	Type A (Standard)	
	**Type B (Option)	5 Steps Battery Voltage Level (20/40/60/80/100%), Battery : Normal / Low / Replacement / Charging, AC Power IN / Normal Utility Power, Low Voltage Utility Power, Back-up Mode, AVR Mode, Buck & Boost Mode, Over Load, Alarm Off, UPS Fault, Timer is Enabled.
DISPLAY	**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, Test 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 Back-up Time, Bypass Mode.
OUTPUT ARID CONNECTION		Standard : NEMA x 4 ~ 8 Pcs, **(Option : IEC / German / Universal / Screw terminal)
SPECIAL FUNCTION		AC Automatic 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 Filter, Overheat, Battery Discharge Limit, No Load Auto Shutdown.
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 °C / 0-95% Non-condensing / <40 dBA at 1 meter

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

MODEL	POWER RATING	DC Volt.	BATTERY	DIMENSION (LxHxW) / WEIGHT
SS-1000	1000VA	24	12V 7Ah x 2 pcs	38 x 20 x 18cm / 15kgs
SS-1500	1500VA	36	12V 7Ah x 3 pcs	45 x 20 x 18cm / 21kgs
SS-2000	2000VA	24/48**	12V 7Ah x 4 pcs	52 x 20 x 18cm / 25kgs
SS-3000	3000VA	36	12V 7Ah x 6 pcs	52 x 20 x 18cm / 26kgs
SS-4000	4000VA	36	12V 7Ah x 6 pcs	52 x 20 x 18cm / 37kgs
SS-5000L (ST)	5000VA	72	12V 9Ah x 6 pcs	53 x 47 x 18.5cm / 52kgs
SS-5000L (ST)			12V 7Ah x 12 pcs	53 x 58 x 18.5cm / 68kgs
SS-5000L (HT)			12V 7Ah x 18 pcs	62 x 72 x 22.5cm / 85kgs

LONG BACK-UP UPS>> BACK-UP TIME can be as long as your battery set can afford (Batt. 7Ah ~ 300Ah)

MODEL	POWER RATING	DC Volt.	DIMENSION (L x H x W) / WEIGHT	
			Main UPS W/O Batt.	** IN / EXTERNAL Battery Case Design
SS-1000L	1000 VA	**36/48	45.5 x 20 x 18cm / 14.5kgs	SS-BA Small Case : 48 x 20 x 18cm / ***
SS-2000L	2000 VA	48/72**	45.5 x 20 x 18cm / 22.5kgs	SS-BC Medium Tower : 50 x 65 x 22cm / ***
SS-1524L	2000 VA	24	45.5 x 20 x 18cm / 19kgs	SS-BB-E Hight Tower : 63 x 73x 22cm / ***
SS-3000L	3000 VA	72	45.5 x 20 x 18cm / 31kgs	SS-BD Big Tower : 65 x 90 x 44cm / ***
SS-2236L	3000 VA	36	45.5 x 20 x 18cm / 23kgs	SR-BB 19" Rack Mount : 55 x 27 x 47cm / ***
SS-5000L	3000VA 4000VA	72	52 x 20 x 18cm / 31kgs	
SS-3048L	4000VA	48	52 x 20 x 18cm / 31kgs	

* Specifications are subject to change without prior notice.

** Option specification

*** Depends on Quantities of Battery

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SOLTEC
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