

# SOLTEC



## SR / SR-L / SSR Series 1-5kVA

Pure Sine Wave, Line Interactive UPS

Rack Mount Series Convertible Type



## 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 (SR-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



## \* SPECIFICATIONS : UPS With Inverter Function

| SR Series                                     |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
|-----------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|------------|--------------|
| <div>Appearance &gt;</div> <div>MODEL ■</div> |                                   |                                                                                                                                                                                                                                                                                                                                                             |             |             |             |            |              |
|                                               |                                   | SR-1000                                                                                                                                                                                                                                                                                                                                                                                                                                       | SR-1500     | SR-2000     | SR-3000     |            | SSR-5000     |
| SR-L SERIES                                   |                                   | SR-1000 L                                                                                                                                                                                                                                                                                                                                                                                                                                     | SR-1500L    | SR-2000L    | SR-3000L    | SR-4000L   |              |
| Power Rating                                  | kVA                               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.5         | 2           | 3           | 4          | 5            |
|                                               | kW                                | 0.6                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.9         | 1.2 / *1.4  | 1.8 / *2.1  | 2.4 / *2.6 | 3.5          |
| INPUT                                         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| Voltage (Vac)                                 |                                   | Selectable 100/110/115/120Vac 1ϕ or 200/220/230/240Vac 1ϕ +/-25% (up to +/-35%)                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| Frequency (Hz)                                |                                   | 50 / 60 ± 10% (Auto detected)                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |             |            |              |
| OUTPUT                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| Voltage (Vac)                                 |                                   | Selectable 100/110/115/120Vac 1ϕ or 200/220/230/240Vac 1ϕ +/-1%                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| Frequency (Hz)                                |                                   | 50/60Hz +/-0.1%                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| Wave Form                                     |                                   | Pure Sine Wave                                                                                                                                                                                                                                                                                                                                                                                                                                |             |             |             |            |              |
| Efficiency                                    |                                   | ≥ 98%                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |             |             |            |              |
| Transfer Time                                 |                                   | 1-2 msec Typical                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |             |            |              |
| BATTERY                                       |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| Voltage (Vdc)                                 |                                   | 24 / 48                                                                                                                                                                                                                                                                                                                                                                                                                                       | 36 / 48     | 48          | 72 / 48     | 72         | 72           |
| Battery Type                                  | Seal Lead - Acid Maintenance Free |                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
|                                               | Standard UPS : ▶                  | 12V 7Ah x 2                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12V 7Ah x 3 | 12V 7Ah x 4 | 12V 7Ah x 6 | -          | 12V 7Ah x 12 |
|                                               | Long Back-up UPS ▶                | External                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |             |             |            | -            |
| Charger Current (A) Max                       | Standard UPS : ▶                  | 2.5A                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |             |             |            |              |
|                                               | Long Back-up UPS ▶                | 11A                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |             |             |            | -            |
| Recharge Time                                 |                                   | Within 3-5hrs                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |             |            |              |
| SYSTEM FEATURES                               |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| 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 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)                                                                                                                                                                                                                                                                                                                                                         |             |             |             |            |              |
| Display Panel (LCD Indicates)                 |                                   | 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. |             |             |             |            |              |
| Environment Temp. / Humidity / Acoustic Noise |                                   | 0-45°C / 0-95% Non-condensing / <40 dBA at 1 meter                                                                                                                                                                                                                                                                                                                                                                                            |             |             |             |            |              |
| PHYSICAL                                      |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |            |              |
| Dimension :<br>W x D x H (cm)                 | SR Series ▶                       | 2U x 47cm                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             | 3U x 47cm   | 4U x 48cm  | -            |
|                                               | SR-L Series ▶                     | 3U x 45cm                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |             |            | -            |
| Weight (kg)                                   | SR Series ▶                       | 20                                                                                                                                                                                                                                                                                                                                                                                                                                            | 26          | 28          | 42          | -          | 75           |
|                                               | SR-L Series ▶                     | 18                                                                                                                                                                                                                                                                                                                                                                                                                                            | 38          | 38          | 38          | 38         | 38           |

\* Specifications are subject to change without prior notice.

Spec. STD.08-03-19

\*\* Optional of Specifications

\*\*\* Depends on Quantities of Battery