

# LENNOX SERIES

## 850VA-2000VA

### Features

- High Reliability with Microprocessor Control Technology
- Built-in boost and buck Automatic Voltage Regulator
- Light and Compact Size fits easily on or under desk, shelf or workstation
- Easy to Read LCD Touch Screen Panel
- Energy Saving feature with green power function
- Auto Restart while AC is recovering
- User Replaceable Batteries
- Plug-and-Play Feature i.e. comes with fixed input plug and 3 to 4 British Output Receptacles for easy connection with business or computers systems
- Built in Ventilation Fan to prevent UPS from overheating
- HID Enabled USB
- Telephone and Ethernet Protection from power surges via RJ11/RJ45



Line Interactive UPS  
- Single Phase

LENNOX LE-1000 / LE-1500 / LE-2000

### Lennox Series 850VA - 2000VA Rear Panels

- |                     |                       |
|---------------------|-----------------------|
| 1. AC Input         | 4. RJ 11 / RJ 45 Port |
| 2. BS 1363A Outputs | 5. Circuit Breaker    |
| 3. USB Port         | 6. Ventilation Fan    |



LENNOX LE-850C



LENNOX LE-1200C



LENNOX LE-1000



LENNOX LE-1500 / LE-2000



LENNOX LE-1200C



LENNOX LE-850C




**LCD Screen Indicators of LE-850C and LE-1200C:**

- |                 |                                   |
|-----------------|-----------------------------------|
| 1. Setting      | 5. Battery Mode: Battery Capacity |
| 2. PV Mode      | 6. Load Capacity                  |
| 3. Line Mode    | 7. Fault / Alarm                  |
| 4. Battery Mode | 8. Sound Disable                  |

**Line Interactive UPS**  
- Single Phase

# LENNOX SERIES

**Technical Specification**

| MODEL                                 | LE-850C  | LE-1000         | LE-1200C        | LE-1500         | LE-2000        |
|---------------------------------------|--|-----------------|-----------------|-----------------|----------------|
| Capacity                              | 850VA / 510W   | 1000VA / 600W   | 1200VA / 720W   | 1500VA / 900W   | 2000VA / 1200W |
| Phase                                 | Single Phase, 2 Wires + Earth                                      |                 |                 |                 |                |
| <b>INPUT</b>                          |  |                 |                 |                 |                |
| Voltage Range                         | 162VAC - 290VAC  |                 |                 |                 |                |
| Frequency Range                       | 50 Hz / 60 Hz (Auto Sense)   |                 |                 |                 |                |
| Input Connections                     | Fixed Power Cord with BS1363A Plug                                 |                 |                 |                 |                |
| <b>OUTPUT</b>                         |  |                 |                 |                 |                |
| Output Voltage                        | 230 VAC  |                 |                 |                 |                |
| AC Voltage Regulation (Batt. Mode)    | ± 10%  |                 |                 |                 |                |
| Frequency Range (Batt. Mode)          | 50 Hz or 60 Hz ± 1%  |                 |                 |                 |                |
| Output Connections                    | (3) BS 1363A   |                 |                 | (4) BS 1363A    |                |
| <b>TOPOLOGY</b>                       |  |                 |                 |                 |                |
| Transfer Time (AC Mode to Batt. Mode) | Typical 2 - 6ms  |                 |                 |                 |                |
| Waveform (Batt. Mode)                 | Simulated Sinewave   |                 |                 |                 |                |
| <b>BATTERIES</b>                      |  |                 |                 |                 |                |
| Battery Capacity                      | 12V 7AH x 1  | 12V 7AH x 2     |                 | 12V 9AH x 2     |                |
| Autonomy                              | 20-35 Minutes (Depending on the Equipment Loads)                   |                 |                 |                 |                |
| Typical Recharge Time                 | 4 Hours recover to 90% capacity                                    |                 |                 |                 |                |
| <b>SYSTEM</b>                         |  |                 |                 |                 |                |
| Touch Panel                           | N/A  | Yes             | N/A             | Yes             |                |
| LCD Display                           | Input Voltage, Output Voltage, Battery %, Load % and Fault         |                 |                 |                 |                |
| Audible Alarm                         | On Battery, Low Battery, Overload, Fault                           |                 |                 |                 |                |
| <b>SAFETY</b>                         |  |                 |                 |                 |                |
| RJ11 / RJ45 Surge Protection          | N/A  |                 | Yes             |                 |                |
| Full Protection                       | Overload, Discharge and Overcharge Protection                      |                 |                 |                 |                |
| <b>COMMUNICATIONS / MANAGEMENT</b>    |  |                 |                 |                 |                |
| Auto Recharge                         |  |                 | Yes             |                 |                |
| Auto Restart                          |  |                 | Yes             |                 |                |
| USB Communication Port                | HID-enabled  | N/A             | HID-enabled     | USB             |                |
| <b>STANDARDS / APPROVALS</b>          |  |                 |                 |                 |                |
| Compliances                           |  |                 | CE              |                 |                |
| IP Rating                             |  |                 | IP 20           |                 |                |
| <b>ENVIRONMENT</b>                    |  |                 |                 |                 |                |
| Operating Temperature                 | 0°C to 40°C  |                 |                 |                 |                |
| Relative Humidity                     | 0% to 90 % (non-condensing)  |                 |                 |                 |                |
| Acoustic Level at 1m                  | ≤ 40dB   |                 |                 |                 |                |
| <b>PHYSICAL PROPERTIES</b>            |  |                 |                 |                 |                |
| Dimensions (W x D x H) mm             | 96 x 286 x 138   | 130 x 320 x 182 | 148 x 298 x 178 | 130 x 320 x 182 |                |
| Net Weight (kg)                       | 4.5  | 7.8             | 8.7             | 10.4            | 11             |
| <b>WARRANTY</b>                       |  |                 |                 |                 |                |
| Product Warranty                      | 3 Years Full Warranty For Parts and Labour. 2 Years For Batteries. |                 |                 |                 |                |

- Changes to the specification contained in this document, and to prices are reserved; so are errors and omissions. Only order confirmations and technical documentation by KOSS UPS is binding.
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