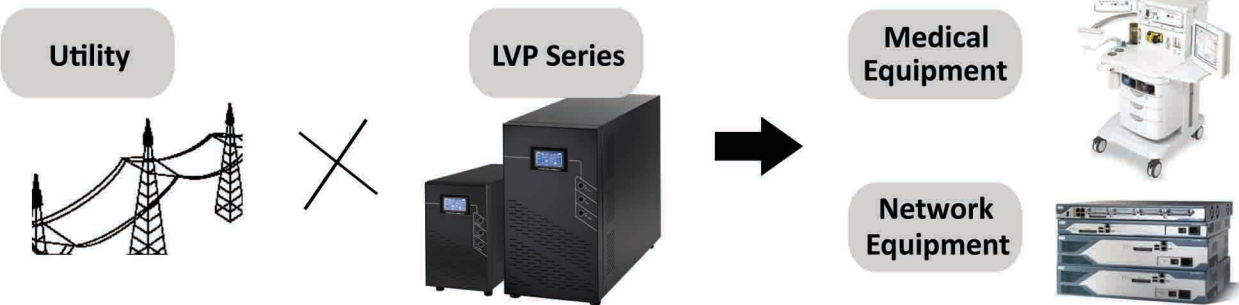


LVP Series



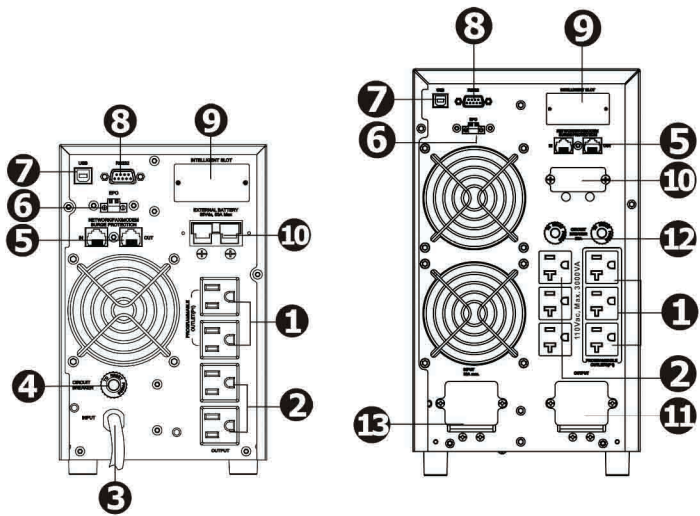
- Pure sine wave double conversion on line UPS
- Smart battery charger to optimize battery performance
- SNMP + RS232 + USB communication ports
- 50/60 Hz frequency converter mode
- Wide input voltage range
- Programmable power management outlets
- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Selectable output voltage via LCD panel

Demonstration



\* Application to Server, ATM, Network, Telecom, medical equipment and security system

Rear Panel



1 Programmable outlets    2 Output receptacles

- 3 AC input
- 4 Input circuit breaker
- 5 Network/Modem surge protection
- 6 EPO function connector
- 7 USB communication port
- 8 RS232 communication port
- 9 SNMP intelligent slot
- 10 External battery connection
- 11 Output terminal
- 12 Output circuit breaker
- 13 Input terminal

Specification

| Model         |                                      | LVP-1000                                                                            | LVP-2000                | LVP-3000  |
|---------------|--------------------------------------|-------------------------------------------------------------------------------------|-------------------------|-----------|
| Capacity      |                                      | 800W                                                                                | 1600W                   | 2400W     |
| Input         | Low Line Transfer                    | 80VAC± 5% or 160VAC± 5% @ 100% Load<br>50VAC± 5% or 110VAC± 5% @ 50% Load           |                         |           |
|               | Low Line Comeback                    | 85VAC ± 5% or 175VAC ± 5% @ 100% Load                                               |                         |           |
|               | High Line Transfer                   | 150VAC ± 5% or 300VAC ± 5%                                                          |                         |           |
|               | High Line Comeback                   | 145VAC ± 5% or 290VAC ± 5%                                                          |                         |           |
|               | Frequency Range                      | 40Hz ~ 70Hz                                                                         |                         |           |
|               | Power Factor                         | >= 0.99 (full load)                                                                 |                         |           |
| Output        | Output Voltage                       | 110 / 115 / 120 / 127VAC or 208 / 220 / 230 / 240VAC                                |                         |           |
|               | AC Voltage Regulation                | ± 3% (batt. mode)                                                                   |                         |           |
|               | Frequency Range (synchronized range) | 47Hz ~ 53Hz or 57Hz ~ 63Hz                                                          |                         |           |
|               | Frequency Range (batt. mode)         | 50Hz ± 0.25Hz or 60Hz ± 0.3Hz                                                       |                         |           |
|               | Crest Ratio                          | 3 : 1                                                                               |                         |           |
|               | Harmonic Distortion                  | <= 3% THD (linear load)                                                             | <= 4% THD (linear load) |           |
|               | Transfer Time                        | AC Mode to Batt. Mode : 0ms<br>Inverter to Bypass : 4ms (typical)                   |                         |           |
|               | Waveform                             | Pure Sine Wave                                                                      |                         |           |
| Efficiency    | AC Mode                              | 80%                                                                                 |                         |           |
|               | Battery Mode                         | ~ 83%                                                                               |                         |           |
| Alarm         | Battery Mode                         | Sounding every 3 seconds                                                            |                         |           |
|               | Low Battery                          | Sounding every second                                                               |                         |           |
|               | Overload                             | Sounding twice every second                                                         |                         |           |
|               | Fault                                | Continuous sounding                                                                 |                         |           |
| Indicator     | LCD Display                          | UPS status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer, Fault |                         |           |
| Battery       | Battery Type                         | 12V / 7AH                                                                           | 12V / 7AH               | 12V / 9AH |
|               | Numbers                              | 3                                                                                   | 6                       | 6         |
|               | Recharge Time                        | 4 hours recover to 90% capacity (typical)                                           |                         |           |
|               | Charging Current                     | 1.0A (max)                                                                          |                         |           |
|               | Charging Voltage                     | 41.0VDC ± 1%                                                                        | 82.1VDC ± 1%            |           |
| Communication | RS-232 or USB                        | Supports Windows 2000 / Vista / XP / 2003 / 2008 / 7 , Linux , Unix                 |                         |           |
|               | SNMP (option)                        | Power management from SNMP manager and web browser                                  |                         |           |
| Environment   | Humidity                             | 20 ~ 90% RH @ 0~40 ° C (non-condensing)                                             |                         |           |
|               | Noise                                | Less than 45dB at 1M                                                                |                         |           |
| Dimension     | D * W * H (mm)                       | 397 x 145 x 220                                                                     | 421 x 190 x 318         |           |
| Net Weight    | kgs                                  | 13                                                                                  | 26                      | 28        |

\* Product specification is subject to change without prior notice

Receptacle Option

