

# LUMINOUS



## LD3000-INX Online UPS

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## **1. Important Safety Warning**

Please comply with all warnings and operating instructions in this manual strictly. Save this manual properly and read carefully the following instructions before installing the unit. Do not operate this unit before reading through all safety information and operating instructions carefully

### **1-1. Transportation**

- Please transport the UPS system only in the original package to protect against shock and impact.

### **1-2. Preparation**

- Condensation may occur if the UPS system is moved directly from cold to warm environment. The UPS system must be absolutely dry before being installed. Please allow at least two hours for the UPS system to acclimate the environment.
- Do not install the UPS system in the moist environments.
- Do not install the UPS system where it would be exposed to direct sunlight or near a heater.
- Do not block ventilation holes in the UPS housing.

### **1-3. Installation**

- Do not connect appliances or devices which would overload the UPS system (e.g. laser printers) to the UPS output sockets.
- Place cables in such a way that no one can step on or trip over them.
- Do not connect domestic appliances such as hair dryers to UPS output.
- Connect the UPS system only to an earthed shockproof outlet which must be easily accessible and close to the UPS system.
- Please use only VDE-tested, CE-marked mains cable (e.g. the mains cable of your computer) to connect the UPS system to the building wiring outlet (shockproof outlet) and to connect the loads to the UPS system.
- When installing the equipment, please ensure that the sum of the leakage current of the UPS and the connected devices does not exceed 3.5mA.

### **1-4. Operation**

- Do not disconnect the mains cable on the UPS system or the building wiring outlet (shockproof socket outlet) during operations since this would cancel the protective earthing of the UPS system and of all the connected loads.
- The UPS output sockets or output terminals block may be electrically live even if the UPS system is not connected to the building wiring outlet.
- In order to fully disconnect the UPS system, first press the OFF/Enter button to disconnect the mains.
- Prevent fluids or other foreign objects from entering the UPS system.

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## 1-5. Maintenance, service and faults

- The UPS system operates with hazardous voltages. Repairs must be carried out only by qualified maintenance personnel.
- **Caution** - risk of electric shock. Even after the unit is disconnected from the mains (building wiring outlet), components inside the UPS system are still connected to the battery and electrically live and dangerous.
- Before carrying out any kind of service and/or maintenance, disconnect the batteries and verify that no current is present, and no hazardous voltage exists in the terminals of high capability capacitor such as BUS-capacitors.
- Only persons who are adequately familiar with batteries and with the required precautionary measures may replace batteries and supervise operations. Unauthorized persons must be kept well away from the batteries.
- **Caution** - risk of electric shock. The battery circuit is not isolated from the input voltage. Hazardous voltages may occur between the battery terminals and the ground. Before touching, please verify that no voltage is present!
- Batteries may cause electric shock and have a high short-circuit current. Please take the precautionary measures specified below and any other measures necessary when working with batteries:
  - remove wristwatches, rings and other metal objects
  - use only tools with insulated grips and handles.
- When changing batteries, install the same number and same type of batteries.
- Do not attempt to dispose of batteries by burning them. This could cause battery explosion.
- Do not open or destroy batteries. Escaping electrolyte can cause injury to the skin and eyes. It may be toxic.
- Please replace the fuse only with the same type and amperage in order to avoid fire hazards.
- Do not dismantle the UPS system.

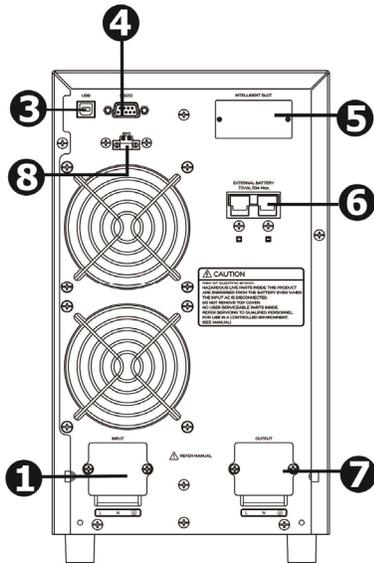
### Package Contents:

1. **UPS**
2. **User manual**
3. **External battery connector cable**
4. **Serial/USB communication cable**
5. **UPS management software CD (Optional)**

## 2. Installation and setup

**NOTE:** Before installation, please inspect the unit. Be sure that nothing inside the package is damaged. Please keep the original package in a safe place for future use.

### 2-1. Rear panel view



1. AC input
3. USB communication port
4. RS-232 communication port
5. SNMP intelligent slot
6. External battery connection
7. Output terminal
8. EPO port

### 2-2. Setup the UPS

#### Step 1: UPS input connection

Plug the UPS into a two-pole, three-wire, grounded receptacle only. Never use extension cords. The power cord is not supplied in the UPS package for LD3000-INX. Please follow the following instructions:

- a) Remove the cover of AC input terminal block
- b) Suggest using AWG14 or 2.1mm<sup>2</sup> power cords.
- c) Upon completion of the wiring configuration, please check whether the wires are securely affixed.
- d) Put the small cover back to the rear panel.
- e) A readily accessible disconnect device shall be incorporated external to the equipment. Please add 2-port breaker with 20A, 250V for LD3000-INX between mains and input before installation.

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## Step 2: UPS output connection

Please follow below steps for the wiring configuration:

- a) Remove the cover of AC output terminal block
- b) Suggest using AWG14 or 2.1mm<sup>2</sup> power cords.
- c) Upon completion of the wiring configuration, please check whether the wires are securely affixed.
- d) Put the small cover back to the rear panel.

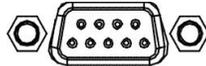
## Step 3: UPS Communication connection

Communication port:

**USB port**



**RS-232 port**



**Intelligent slot**



To allow for unattended UPS shutdown/start-up and status monitoring, connect the communication cable one end to the USB/RS-232 port and the other to the communication port of your PC. With the monitoring software installed, you can schedule UPS shutdown/start-up and monitor UPS status through PC.

The UPS is equipped with intelligent slot perfect for either SNMP or AS400 card. SNMP or AS400 cards when installed in the UPS, will provide advanced communication and monitoring options.

**PS. USB port and RS-232 port can't work at the same time.**

## Step 4: Turn on the UPS

Press the ON/Mute button on the front panel for two seconds to power on the UPS.

Note: The battery charges fully during the first five hours of normal operation. Do not expect full battery run capability during this initial charge period.

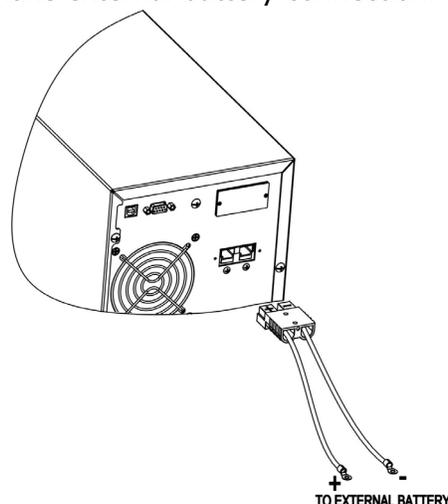
## Step 5: Install UPS monitoring software

For optimal computer system protection install UPS monitoring software to fully configure UPS parameters. Please insert provided CD into CD-ROM to install the monitoring software.

1. Follow the on-screen instructions to install the software.
2. When your computer restarts, the monitoring software will appear as an orange plug icon located in the system tray, near the clock.

## Step 6: External battery connection

Follow the diagram below to make external battery connection.

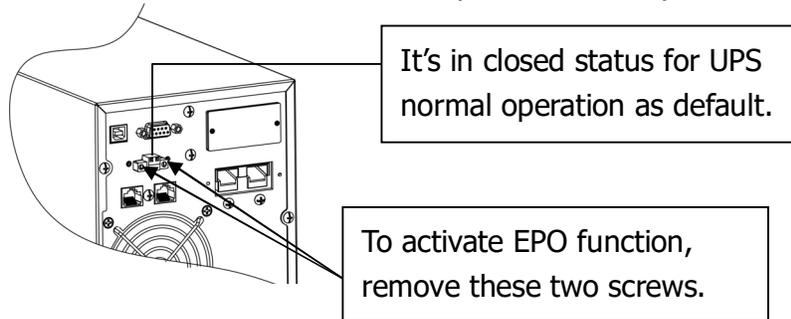


### Step 7: Battery capacity configuration

To calculate accurate backup time of external batteries, it's necessary to configure battery capacity via LCD interface.

### Step 8: Disable and enable EPO function

This UPS is equipped with EPO function. By default, the UPS is delivered from factory with Pin 1 and pin 2 closed (a metal plate is connected to Pin 1 and Pin2) for UPS normal operation. To activate EPO function, remove two screws on EPO port and metal plate will be removed.



### Steps for setting battery capacity

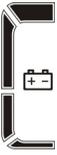
<b>Step 1:</b> Before entering setting mode, the UPS should be in Standby mode (off-charging) and make sure the battery is connected. The LCD display is shown as right.	<p>The LCD display shows the input voltage as 230 Vac and the output voltage as 0 Vac. The display also shows a battery icon and a V/F icon.</p>
<b>Step 2:</b> Press and hold "SELECT" button for 5 seconds to enter Setting mode.	<p>The LCD display shows the setting mode with 01&lt;&lt; and 230 Vac OUTPUT.</p>
<b>Step 3:</b> Press "Down" button (SELECT) to switch to program "09". Then, press "ENTER" button twice to jump to parameter 3. Press "Up" or "Down" button to change the value in "XXX" AH of the battery capacity. Then, press "Enter" button again to confirm the setting.	<p>The LCD display shows the setting mode with 09&lt;&lt; and 6AH 7.</p>
<b>Step 4:</b> Press "Up" button (ON/MUTE) to switch to program "00". Then, press "Enter" button to exit setting menu.	
<b>Step 5:</b> Disconnect AC input and wait until the LCD display is off. The new setting will be activated when turning on the UPS again.	

### 3. Operations

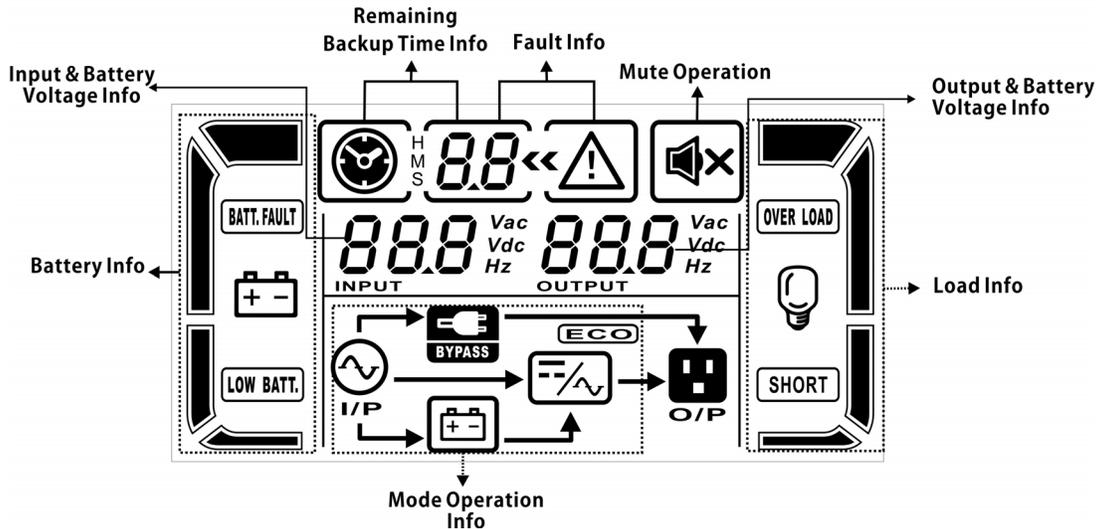
#### 3-1. Button operation

Button	Function
ON/Mute Button	<ul style="list-style-type: none"><li>➤ Turn on the UPS: Press and hold ON/Mute button for at least 2 seconds to turn on the UPS.</li><li>➤ Mute the alarm: When the UPS is on battery mode, press and hold this button for at least 5 seconds to disable or enable the alarm system. But it's not applied to the situations when warnings or errors occur.</li><li>➤ Up key: Press this button to display previous selection in UPS setting mode.</li><li>➤ Switch to UPS self-test mode: Press and hold ON/Mute button for 5 seconds to enter UPS self-testing while in AC mode, ECO mode, or converter mode.</li></ul>
OFF/Enter Button	<ul style="list-style-type: none"><li>➤ Turn off the UPS: Press and hold this button at least 2 seconds to turn off the UPS. On pressing this button the UPS will be in standby mode when on mains or transfer to Bypass mode if the Bypass setting is enabled.</li><li>➤ Confirm selection key: Press this button to confirm selection in UPS setting mode.</li></ul>
Select Button	<ul style="list-style-type: none"><li>➤ Toggle LCD display: Press this button to toggle between input voltage, input frequency, battery voltage, output voltage and output frequency. It will return back to default display when pausing for 10 seconds.</li><li>➤ Setting mode: Press and hold this button for 5 seconds to enter UPS setting mode when UPS is in standby mode or bypass mode.</li><li>➤ Down key: Press this button to display next selection in UPS setting mode.</li></ul>
ON/Mute + Select Button	<ul style="list-style-type: none"><li>➤ Switch to bypass mode: When on mains power, press ON/Mute and Select buttons simultaneously for 5 seconds. The UPS will enter the bypass mode. This action will be ineffective when the input voltage is out of acceptable range.</li></ul>

### 3-2. LCD Panel

Display	Function
Remaining backup time information	
	Indicates the remaining backup time in pie chart. <b>Important:</b> Please ensure to setup the correct battery size (Ah) through the UPS monitoring software through the front panel or UPS monitoring software for correct runtime prediction.
H M S 	Indicates the remaining backup time in numbers. H: hours, M: minute, S: second
Fault information	
	Indicates the warnings and faults.
	Indicates the warning and fault codes. Please check the detailed list of fault codes in section 3-7.
Mute operation	
	Indicates that the UPS alarm is disabled.
Output & Battery voltage information	
	Indicates the output voltage, frequency or battery voltage. Vac: output voltage, Vdc: battery voltage, Hz: frequency
Load information	
	Indicates the load level 0-25% 26-50% 51-75% 76-100%
	Indicates overload.
	Indicates the load or the UPS output is short circuit.
Mode operation information	
	Indicates the UPS is on the mains power supply.
	Indicates the battery is working.
	Indicates the bypass circuit is working.
	Indicates the ECO mode is enabled.
	Indicates the Inverter circuit is working.
	Indicates the output is working.
Battery information	
	Indicates the battery charge level 0-25% 26-50% 51-75% 76-100%.
	Indicates the battery is faulty.

<b>LOW BATT.</b>	Indicates low battery charge level and low battery voltage.
<b>Input &amp; Battery voltage information</b>	
	Indicates the input voltage/ frequency/ battery voltage. Vac: Input voltage, Vdc: battery voltage, Hz: input frequency



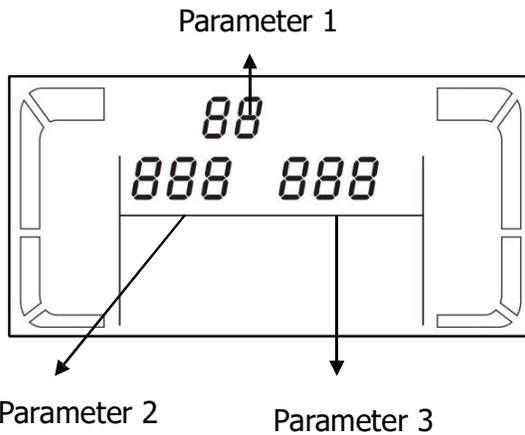
### 3-3. Audible Alarm

Battery Mode	Sounding every 4 seconds
Low Battery	Sounding every second
Overload	Sounding twice every second
Fault	Continuously sounding
Bypass Mode	Sounding every 10 seconds

### 3-4. LCD display wordings index

Abbreviation	Display content	Meaning
ENA	<i>ENR</i>	Enable
DIS	<i>DIS</i>	Disable
ESC	<i>ESC</i>	Escape
HLS	<i>HLS</i>	High loss
LLS	<i>LLS</i>	Low loss
BAT	<i>BAT</i>	Battery
CF	<i>CF</i>	Converter
EP	<i>EP</i>	EPO
TP	<i>TP</i>	Temperature
CH	<i>CH</i>	Charger
FU	<i>FU</i>	Bypass frequency unstable
EE	<i>EE</i>	EEPROM error
BAH	<i>BAH</i>	AH of battery

### 3-5. UPS Setting



There are three parameters to set up the UPS.

Parameter 1: It's for program alternatives. Refer to below table. Parameter 2 and parameter 3 are the setting options or values for each program.

- **01: Output voltage setting**

Interface	Setting
	<p><b>Parameter 3: Output voltage</b>            You may choose the following output voltage:  <b>200:</b> presents output voltage is 200Vac  <b>208:</b> presents output voltage is 208Vac  <b>220:</b> presents output voltage is 220Vac  <b>230:</b> presents output voltage is 230Vac (Default)  <b>240:</b> presents output voltage is 240Vac</p>

- **02: Frequency Converter enable/disable**

Interface	Setting
	<p><b>Parameter 2 &amp; 3:</b> Enable or disable converter mode. You may choose the following two options:  <b>CF ENA:</b> converter mode enable  <b>CF DIS:</b> converter mode disable (Default)</p>

- **03: Output frequency setting**

Interface	Setting
	<p><b>Parameter 2 &amp; 3: Output frequency setting.</b>            You may set the initial frequency on battery mode:  <b>BAT 50:</b> presents output frequency is 50Hz (default)  <b>BAT 60:</b> presents output frequency is 60Hz            If converter mode is enabled, you may choose the following output frequency:  <b>CF 50:</b> presents output frequency is 50Hz  <b>CF 60:</b> presents output frequency is 60Hz</p>

● **04: ECO enable/disable**

Interface	Setting
	<p><b>Parameter 3:</b> Enable or disable ECO function. You may choose the following two options:  <b>ENA:</b> ECO mode enable  <b>DIS:</b> ECO mode disable (Default)</p>

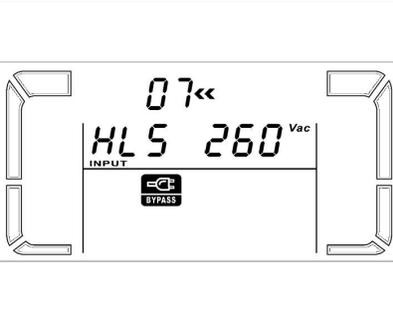
● **05: ECO voltage range setting**

Interface	Setting
	<p><b>Parameter 2 &amp; 3:</b> Set the acceptable high voltage point and low voltage point for ECO mode by pressing Down key or Up key.  <b>HLS:</b> High loss voltage in ECO mode in parameter 2. The setting range in parameter 3 is from +7V to +24V of the nominal voltage. (Default: +12V)  <b>LLS:</b> Low loss voltage in ECO mode in parameter 2. The setting range in parameter 3 is from -7V to -24V of the nominal voltage. (Default: -12V)</p>

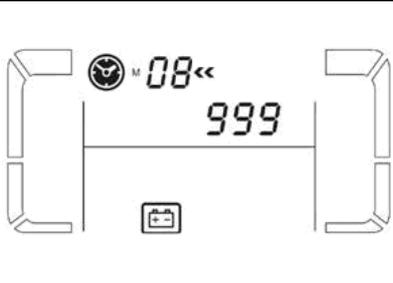
● **06: Bypass enable/disable when UPS is off**

Interface	Setting
	<p><b>Parameter 3:</b> Enable or disable Bypass function. You may choose the following two options:  <b>ENA:</b> Bypass enable  <b>DIS:</b> Bypass disable (Default)</p>

● **07: Bypass voltage range setting**

Interface	Setting
	<p><b>Parameter 2 &amp; 3:</b> Set the acceptable high voltage point and acceptable low voltage point for Bypass mode by pressing the Down key or Up key.  <b>HLS:</b> Bypass high voltage point  <b>230-264:</b> Set the high voltage point in parameter 3 from 230Vac to 264Vac. (Default: 264Vac)  <b>LLS:</b> Bypass low voltage point  <b>170-220:</b> setting the low voltage point in parameter 3 from 170Vac to 220Vac. (Default: 170Vac)</p>

● **08: Limiting backup time on battery**

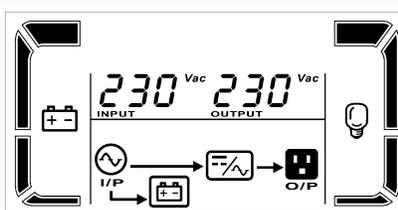
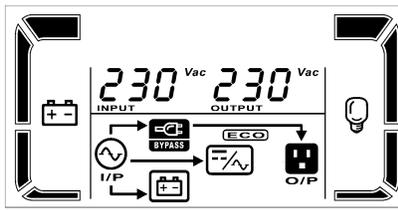
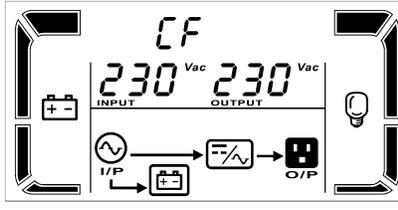
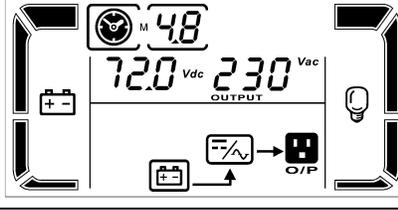
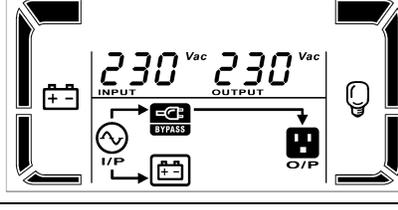
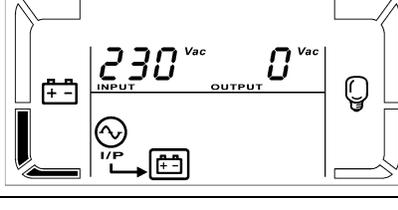
Interface	Setting
	<p><b>Parameter 3:</b> Set up backup time on battery mode for general outlets.  <b>0-999:</b> setting the backup time in minutes from 0-999 for general outlets on battery mode.  <b>0:</b> When setting as "0", the backup time will be only 10 seconds.  <b>999:</b> When setting as "999", the backup time setting will be disabled. (Default)</p>

- **09: Battery Capacity setting**

Interface	Setting
	<p>Press the Down key or Up key to set the Battery Capacity of the UPS.            26(Ah) is default value.            7-999: if you change the battery capacity of the UPS, please set the correct battery capacity.</p> <p>Unit (Ah)</p> <p>NOTE: Battery capacity setting will not change battery charging current limit (6A Default). Contact Luminous for charging battery charging current limit from default value.</p>

- **00: Exit setting**

### 3-6. Operating Mode Description

Operating mode	Description	LCD display
Online mode	When the input voltage is within acceptable range, UPS will provide pure and stable AC power to output. The UPS will also charge the battery at online mode.	
ECO mode	Energy saving mode: When the input voltage is within voltage regulation range, UPS will bypass voltage to output for energy saving.	
Frequency Converter mode	When input frequency is within 40 Hz to 70 Hz, the UPS can be set at a constant output frequency, 50 Hz or 60 Hz. The UPS will still charge battery under this mode.	
Battery mode	When the input voltage is beyond the acceptable range or in case of power failure, UPS will provide backup power from battery. Alarm will sound once every 4 second	
Bypass mode	When input voltage is within acceptable range, but UPS is overload, UPS will enter bypass mode or bypass mode can be selected from the front panel. Alarm will sound once every 10 second.	
Standby mode	UPS is powered off and there is no output power supply, but UPS will still charge batteries.	

### 3-7. Faults Reference Code

Fault event	Fault code	Icon	Fault event	Fault code	Icon
Bus start fail	01	x	Inverter voltage Low	13	x
Bus over	02	x	Inverter output short	14	SHORT
Bus under	03	x	Battery voltage too high	27	BATT. FAULT
Bus unbalance	04	x	Battery voltage too low	28	BATT. FAULT
Inverter soft start fail	11	x	Over temperature	41	x
Inverter voltage high	12	x	Over load	43	OVER LOAD

### 3-8. Warning indicator

Warning	Icon (flashing)	Alarm
Low Battery	 	Sounding every second
Overload	 	Sounding twice every second
Battery is not connected	 	Sounding every second
Over Charge	 	Sounding every second
Over temperature	  	Sounding every second
Charger failure	  	Sounding every second
Battery fault	 	Sounding every second
Out of bypass voltage range	 	Sounding every second
Bypass frequency unstable	  	Sounding every second
EEPROM error	  	Sounding every second
EPO enable	  	Sounding every second

<b>4. Troubleshooting</b>		
<b>Symptom</b>	<b>Possible cause</b>	<b>Remedy</b>
No indication and alarm even though the mains is normal.	The AC input power plug may not be connected.	Plug AC input power plug to mains correctly
	The AC input is connected to the UPS output.	Plug AC input power plug to mains.
The icon  and the warning code <i>EP</i> flashing on LCD display and alarm is sounding every second.	EPO function is activated.	Set the circuit in closed position to disable EPO function.
The icon  and  flashing on LCD display and alarm is sounding every second.	The external battery is incorrectly connected.	Check if all batteries are connected properly.
Fault code is shown as 27 and the icon  is lighting on LCD display and alarm is continuously sounding.	Battery voltage is too high or the charger is faulty.	Contact Luminous Service Centre.
Fault code is shown as 28 and the icon  is lighting on LCD display and alarm is continuously sounding.	Battery voltage is too low or the charger is faulty.	Contact Luminous Service Centre.
The icon  and  is flashing on LCD display and alarm is sounding twice every second.	UPS is overloaded	Remove excess load from UPS output.
	In bypass mode: Devices connected to the UPS are fed directly by the mains but UPS is overloaded.	Remove excess loads from UPS output.
	After repetitive overloads, the UPS is locked in the Bypass mode. Connected devices are fed directly by the mains.	Remove excess loads from UPS output first. Then shut down the UPS and restart it.
Fault code is shown as 43 and The icon  is lighting on LCD display and alarm is continuously sounding.	The UPS will shut down automatically because of overload at the UPS output.	Remove excess loads from UPS output and restart it.
Fault code is shown as 14 and the icon  is lighting on LCD display and alarm is continuously sounding.	The UPS will shut down automatically because short circuit occurs on the UPS output.	Check output wiring and if connected devices have any short circuit.

Symptom	Possible cause	Remedy
Fault code is shown as 01, 02, 03, 04, 11, 12, 13 and 41 on LCD display and alarm is continuously sounding.	A UPS internal fault has occurred. There are two possible results: 1. The load is still powered on but directly from mains via bypass. 2. The load is no longer powered on.	Contact Luminous Service Centre.
Battery backup time is shorter than nominal value	Batteries are not fully charged	Charge the batteries for at least 8-10 hours and then check capacity. If the problem still persists, contact Luminous Service Centre.
	Batteries defective	Contact your dealer to replace the battery.

## 5. Storage and Maintenance

### Operation

The UPS system contains no user-serviceable parts. If the battery service life (2~3 years at 25°C ambient temperature) has been exceeded, the batteries must be replaced. In this case, please contact your battery dealer.



Be sure to deliver the spent battery to a recycling facility or ship it to your dealer in the replacement battery packing material.

### Storage

Before storing, charge the battery for 8-10 hours. Store the UPS covered and upright in a cool, dry location. During storage, recharge the battery in accordance with the following table:

Storage Temperature	Recharge Frequency	Charging Duration
-25°C - 40°C	Every 3 months	1-2 hours
40°C - 45°C	Every 2 months	1-2 hours

## 6. Specifications

<b>CAPACITY*</b>		3000 VA / 2400 W
<b>INPUT</b>		
Voltage Range	Low Line Transfer	160VAC/140VAC/120VAC/110VAC ± 5% (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	Low Line Comeback	175VAC/155VAC/135VAC/125VAC ± 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	High Line Transfer	280 VAC ± 5 %
	High Line Comeback	270 VAC ± 5 %
Frequency Range		40Hz ~ 70 Hz
Phase		Single phase with ground
Power Factor		≥ 0.99 @ nominal voltage (input voltage)
<b>OUTPUT</b>		
Output voltage		200/208/220/230(Default)/240VAC
AC Voltage Regulation		±1% (Batt. Mode)
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz
Overload		100%~110%: audible warning 110%~130%: UPS shuts down in 60 seconds at battery mode or transfer to bypass when the utility is normal >130%: UPS shuts down immediately at battery mode or transfer to bypass mode when the utility is normal
Current Crest Ratio		3:1
Harmonic Distortion		≤ 3 % THD (linear load) ≤ 6 % THD (non-linear load)
Transfer Time	AC Mode to Batt. Mode	Zero
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave
<b>EFFICIENCY</b>		
AC Mode		90%
Battery Mode		87%
<b>BATTERY</b>		
Battery Type & Numbers		Depending on the capacity of external batteries
Charging Current		1.0A/2.0A/4.0A/6.0A(Default) ±10% (12A optional)
Charging Voltage		82.1 VDC ±1%
<b>PHYSICAL</b>		
Dimension, D X W X H (mm)		419 X 190 X 318
Net Weight (kgs)		12.2
<b>ENVIRONMENT</b>		
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 50dBA @ 1 Meter
<b>MANAGEMENT</b>		
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC
Optional SNMP		Power management from SNMP manager and web browser

\* Derate capacity to 80% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC/200VAC.

\*\* Product specifications are subject to change without further notice.

## EQUIPMENT DETAILS

	<b>SERIAL#</b>	
	<b>INSPECTED BY</b>	<b>DATE OF INSPECTION</b>
	<b>DISTRIBUTOR'S / RETAILER'S INVOICE NO. &amp; DATE OF SALE</b>	

### SERVICE

In the unlikely event if you are facing a problem that has not been sorted out by troubleshooting, complaints may be logged on our 24-hour service call-desk by calling toll free number 1860 103 0011 or 1800 419 4272.

### WARRANTY

**Schneider Electric IT Business India Private Ltd. (SEITBIPL)** warrants this UPS to be free from defects in materials and workmanship for a period of 24 months on UPS from the date of purchase. This obligation is limited to servicing any instrument which shall, within the warranty period, be returned to the company or Authorised Service Centre under a written intimation and which to the company's satisfaction be found defective. The company reserves the right to decide if the repair work should be carried out in the company's service centre or at site or at any other place. The freight incurred for dispatching defective material to & fro will have to be borne by the customer and the transit risk for the material will rest with the purchaser.

The warranty does not extend to any parts of the instrument which have been subjected to misuse, neglect or accident. Further, this warranty does not extend to any instrument which has been tampered with, by any agency not authorized by the company.

The warranty is valid only if the product is used within its specifications. The warranty for the replaced components will lapse along with that of the main instrument.

**Schneider Electric IT Business India Private Ltd. (SEITBIPL)**, reserves the right to make changes in design and specifications without notice and without any obligation to install such changes on units previously supplied.

In no event will **Schneider Electric IT Business India Private Ltd. (SEITBIPL)**, its Distributors / Dealers be liable for consequential or incidental damages or for any expenses incurred by buyer or user, due to use or sale of products sold by **Schneider Electric IT Business India Private Ltd. (SEITBIPL)**, directly or through its authorised Distributors / Dealers or any third party.

Until superseded otherwise or in contractual form this warranty is made expressly in lieu of all other liabilities and obligations on part of **Schneider Electric IT Business India Private Ltd. (SEITBIPL)**.

Title to the instrument passes to the buyer upon delivery to the common carrier.



**EN 990-6528**  
**09/2021**

TOLL FREE NUMBER / 24 HR HELP DESK NUMBER

**Schneider Electric IT Business India Private Ltd. (SEITBIPL)**

Beary's Global Research Triangle, Sy No. 63/3B, Gorvigere Village,  
Bidarahalli Hobli, Bangalore East TQ, Whitefield-Hoskote Rd, Bangalore -560067, INDIA.

E-mail: [indiainfo@se.com](mailto:indiainfo@se.com), Website: [www.luminousindia.com](http://www.luminousindia.com)

Customer Care Numbers : 1800 103 0011 / 1800 419 4272

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