



# Quick Start Guide

Fast Recharge FR-1250LCD  
UPS

## I. Important - Warnings and Safety Instructions

1. This UPS utilizes voltages that may be hazardous. Do not attempt to disassemble the unit. The unit contains no user replaceable parts. Only authorized service personnel may perform repairs.
2. Each internal battery voltage is 12 V DC - Sealed, lead-acid, 6-cell battery.
3. Connection to any other type of receptacle other than a two-pole, three-wire grounded receptacle may result in shock hazard as well as can violate local electrical codes.
4. In the event of an emergency, switch OFF the Power Switch and disconnect the power cord from the AC power supply to properly disable the UPS.
5. DO NOT allow liquids or any foreign object to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.
6. This unit intended for installation in a controlled environment (temperature controlled, indoor area free of conductive contaminants). Avoid installing the UPS in location where there is standing or running water, or excessive humidity.
7. DO NOT plug the UPS input into its own output.
8. DO NOT attach a power strip or surge suppressor to the UPS.
9. DO NOT attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens or vacuum cleaners to UPS.
10. To reduce the risk of overheating the UPS, do not cover the UPS cooling vents and avoid exposing the unit to direct sunlight. Additionally, refrain from installing the unit near heat emitting appliances such as space heaters or furnaces.
11. Unplug the UPS prior to cleaning and do not use liquid or spray detergents.



Away from sunlight



Away from water



Away from heater

12. DO NOT dispose of batteries in a fire as they may explode.
13. DO NOT open or destroy the battery or batteries. Released electrolyte is harmful to the skin and eyes, and might be toxic.
14. Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions should be taken. Keep unauthorized personnel away from batteries.
15. When replacing batteries, replace with the same number of the sealed lead-acid batteries.
16. The batteries already installed by the supplier are operator installable and may be operated by laymen.
17. The main socket outlet that supplies the UPS shall be installed near the UPS and should be easily accessible.
18. It is recommended to refer all servicing to qualified personnel. Servicing is required when the UPS has been damaged in any way. Any evidence of any attempt to open and/or alter the device, including any scratch, peeling, puncturing, or removal of any of the labels, will void the Limited Warranty.

## II. In the box

- 1 x Fast-recharge UPS FR-1250LCD
- 1 x Quick Start Guide
- 1 x Brand Note

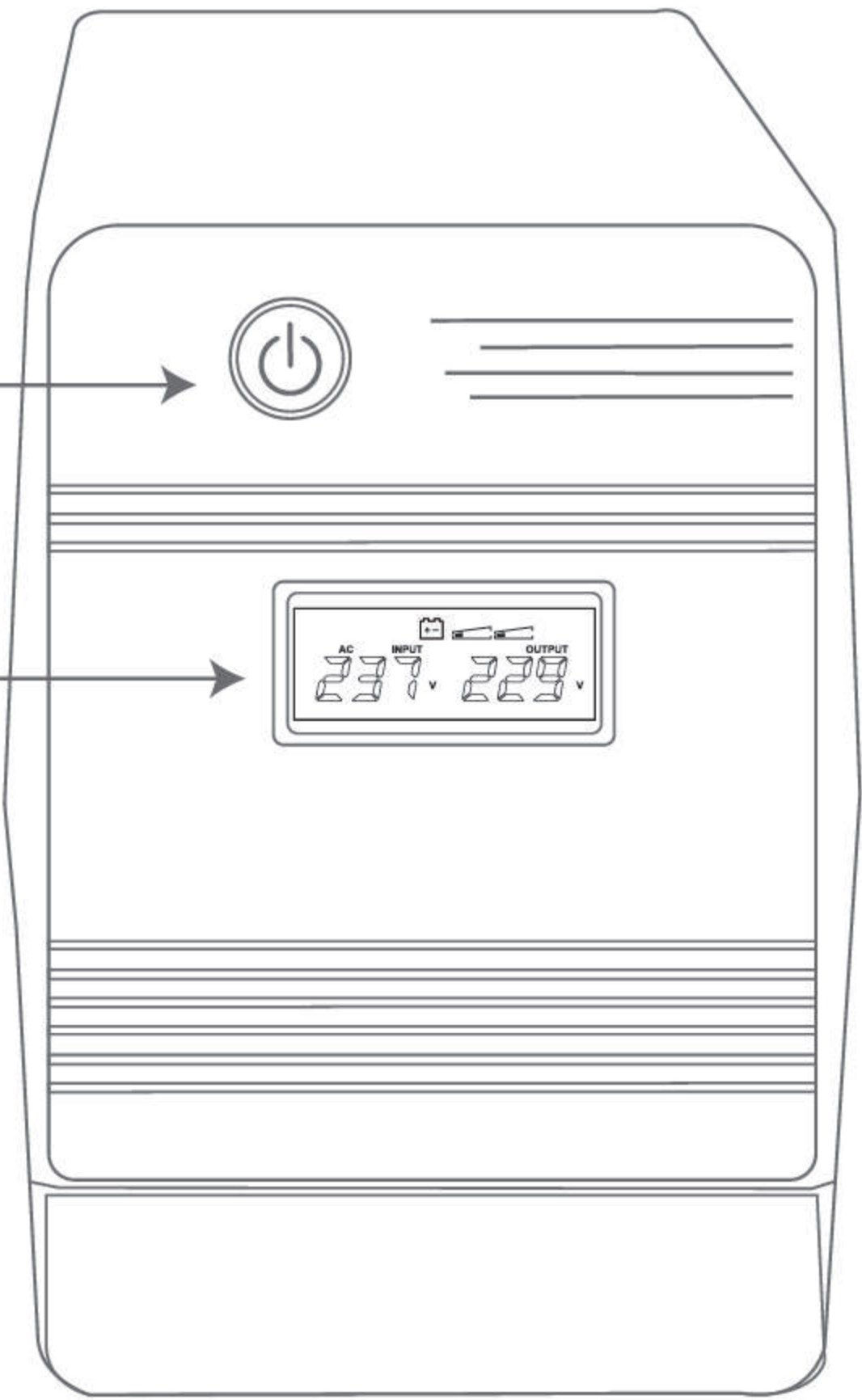
III. System Description

1. Power Switch

Press the switch for 2 seconds to turn the UPS ON or OFF.

2. LCD Indicators

This LCD is illuminated when the UPS is working.



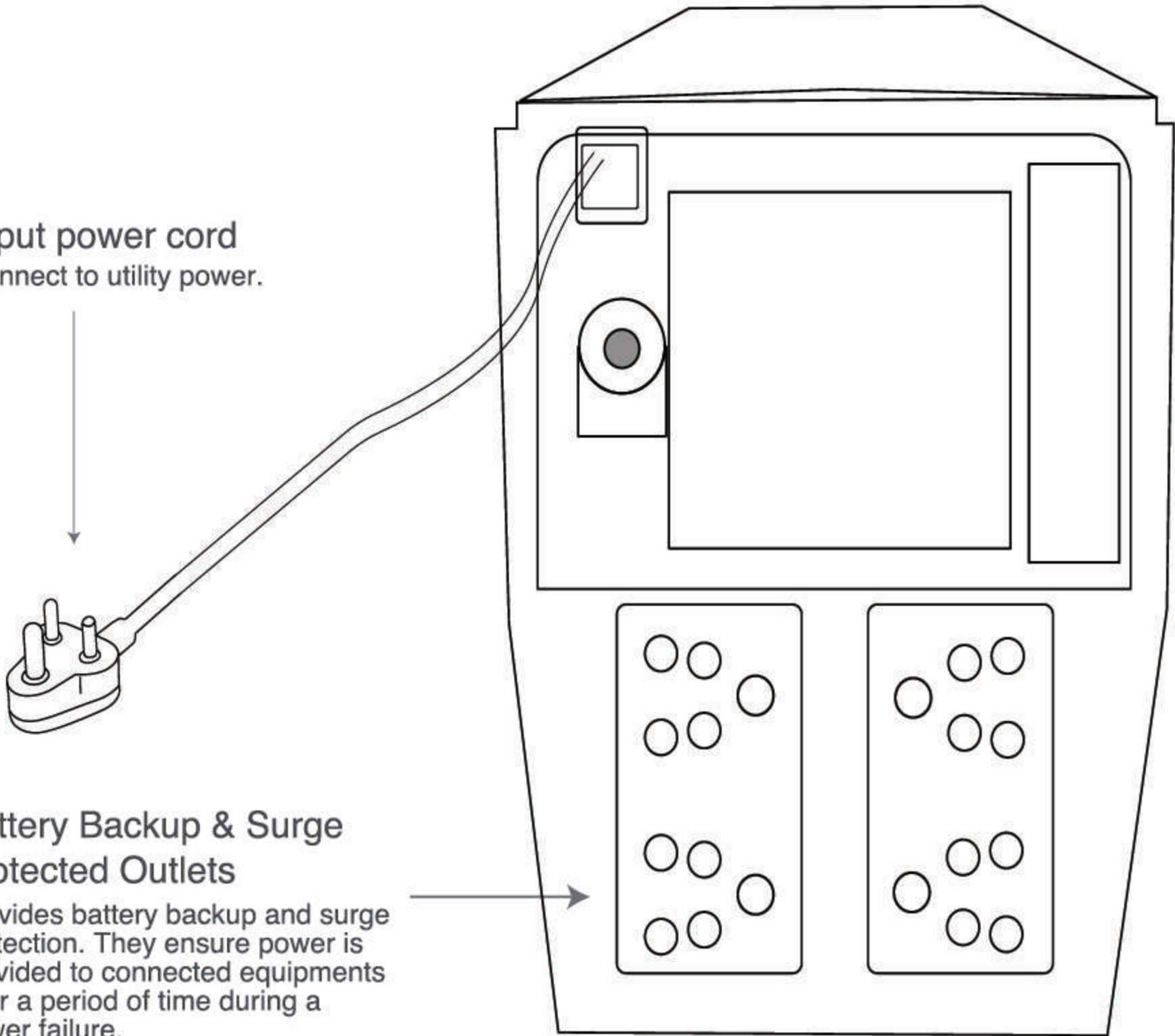
Rear View

3. Input power cord

Connect to utility power.

4. Battery Backup & Surge Protected Outlets

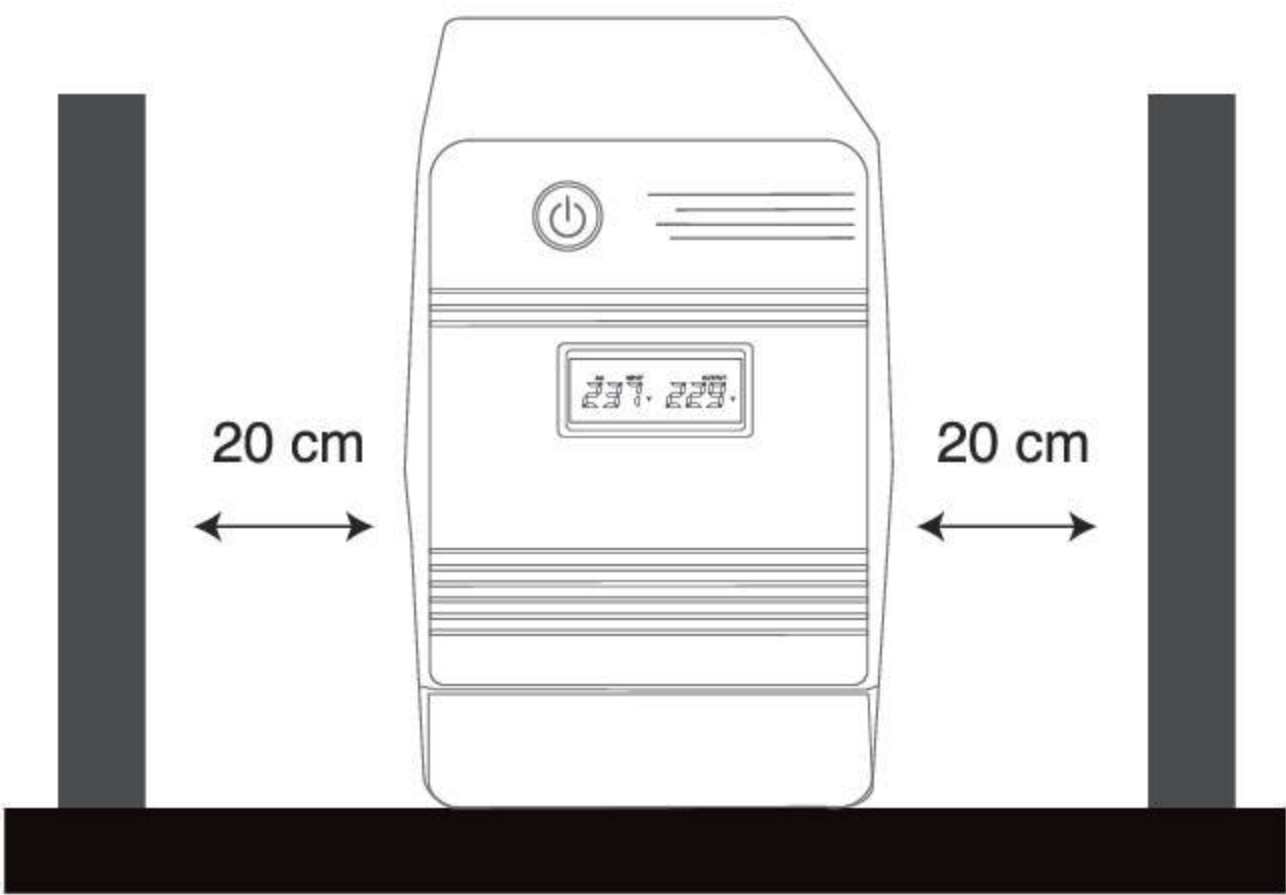
Provides battery backup and surge protection. They ensure power is provided to connected equipments over a period of time during a power failure.



## IV. Installation and Operation

### 1. Placement

- Install the UPS in a protected area that is free from excessive dust and has good air ventilation.
- We recommend to place the UPS away from other units with at least 20 cm distance to avoid interference.
- Do NOT operate the UPS where the temperature and humidity is outside the specific limits as provided in the specifications.



### 2. Charging

- Plug in the AC input cord into the wall outlet.
- For the best results, we recommend charging the battery for at least 6 hours prior to initial use.
- The UPS unit charges its battery whenever it is connected with utility power.



6 hours

### 3. Equipment Connection to Output Receptacles

- The output receptacles are powered when the UPS is switched ON.
- During power failure or other utility issues, these output receptacles will be powered for a limited time by the UPS.
- Plug it to your computer, and monitor.
- Ensure that Power Switch must be kept in the “ON” position, else the UPS will be disabled and your equipment will not be protected during power failure.

**Caution:**

Never connect a **laser printer or scanner** with output receptacles. Laser Printer/ Scanner significantly draws more power when in use. This may cause overload and consequently damage the UPS unit.

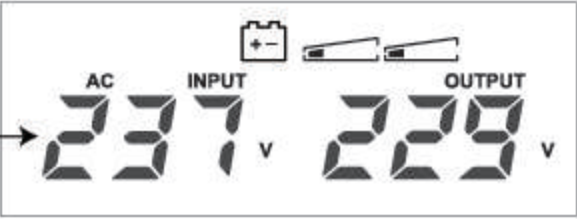
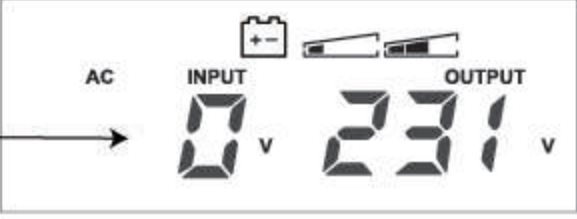
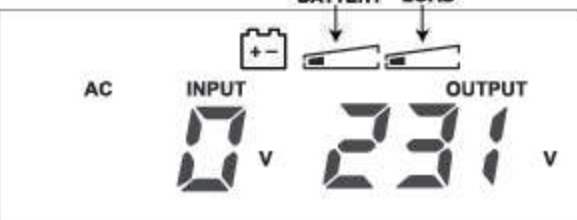
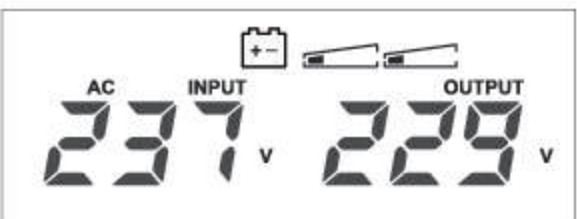
### 4. Power ON-OFF

- Press the Power Switch to power the UPS unit ON. The connected devices, in turn, will be protected by the UPS.
- Press the power switch to turn OFF the unit.

### 5. Cold Start Function

It is equipped with Cold Start Function - The UPS can be powered on, without AC utility power and battery is charged. Simply press Power Switch to power on the unit.

V. Status Indicators

|                                |                                                                                      |                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| AC Mode                        |    | The utility power is on and the UPS is on AC Mode.                   |
| Battery mode                   |    | The utility power fails and the UPS is supplying power from battery. |
| Battery Level & Load Capacity  |    | Battery level & load capacity                                        |
| Input Voltage & Output Voltage |   | Input & Output voltage                                               |
| Error                          |  | E14 followed by continuous beep                                      |

VI. Troubleshooting

Refer to the following to table for solutions, in case you come across any issues during UPS installation and operation.

| Problem                                              | Possible Cause                                                                    | Solution                                                    |
|------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|
| The UPS does not perform as per the expected runtime | Batteries are not fully charged.                                                  | Recharge the battery by leaving the UPS plugged in.         |
|                                                      | Battery is slightly worn out.                                                     | Contact Technical Support                                   |
| The UPS is not getting switched on                   | The on/off switch is designed to prevent damage by rapidly turning it off and on. | Turn the UPS off. Wait 10 seconds and then turn the UPS on. |
|                                                      | The unit is not connected to an AC outlet.                                        | The unit must be connected to a 230Vac 50/60Hz outlet.      |
|                                                      | The battery is worn out.                                                          | Contact Technical Support                                   |
|                                                      | Mechanical issue.                                                                 | Contact Technical Support                                   |
| Outlets do not provide power to equipment            | Batteries are discharged                                                          | Allow the unit to recharge for at least 4 hours.            |
|                                                      | Unit has been damaged by a surge or spike.                                        | Contact Technical Support                                   |

If any abnormal situations are not listed above, please connect service personnel immediately.

VII. Product Specifications

| Parameters     |                                | Fast-Recharge UPS<br>FR-1250LCD                                                         |
|----------------|--------------------------------|-----------------------------------------------------------------------------------------|
| Capacity       |                                | 1200 VA / 720 W                                                                         |
| Input          | Voltage                        | 230 V AC                                                                                |
|                | Voltage Range                  | 140 - 300 V AC                                                                          |
|                | Frequency Range                | 50 Hz (Auto sensing)                                                                    |
| Output         | Output Voltage                 | 230 V AC ± 10%                                                                          |
|                | Frequency Range (Battery Mode) | 50 Hz ± 1%                                                                              |
|                | Transfer Time                  | Typical 4-8 ms, 13 ms max.                                                              |
|                | Waveform (Battery Mode)        | Simulated Sine Wave                                                                     |
| Battery        | Battery Type                   | 2 x 12V/7 Ah                                                                            |
|                | Back up Time                   | 90 mins                                                                                 |
|                | Typical Recharge Time          | 4 hours recover to 90% capacity                                                         |
| LED Indicators | LCD Display                    | Line Mode, Battery-mode, Fault, Battery Capacity, Load Capacity, Input & Output Voltage |
| Alarm          | Battery Mode                   | Beep once every 30 seconds                                                              |
|                | Low Battery                    | Beep once every 2 seconds                                                               |
|                | Overload                       | Beep once every 0.5 seconds                                                             |
|                | Fault                          | Continuous alarm                                                                        |
| Protection     | Full Protection                | Overload, Discharge and Overcharge Protection                                           |
| Physical       | Power Outlet                   | 4 outlets                                                                               |
|                | Dimensions (D x W x H)         | 276 x 87 x 165                                                                          |
|                | Net Weight                     | 4.120 kg                                                                                |
| Environment    | Environment                    | 0-90% RH @ 0-40°C (non-condensing)                                                      |
|                | Noise Level                    | Less than 40 dB                                                                         |

\*Battery backup may vary depending on configuration of computer system and the device used.

Care and Maintenance

1. Switch off the UPS before cleaning it.
2. Use soft, damp cloth to clean the surface.
3. Do not use any chemicals, solvents, or cleaning solutions containing alcohol, ammonia or abrasives.
4. Do not allow any liquid to enter into any of the openings.

Stay connected with us



Customer Service

• Support email: [customer.care@fingers.co.in](mailto:customer.care@fingers.co.in)  
• 022-4938 7600: Mon - Fri (9.30 am to 6.30 pm)  
For further information, please visit [www.fingers.co.in](http://www.fingers.co.in)

fingers.co.in

• Images shown may vary from actual product. • Specifications, features and appearance are subject to change without notice. • All logos, brands, trademarks and product names are properties of their respective owners. • Product warranty is governed by warranty terms mentioned on [www.fingers.co.in](http://www.fingers.co.in) • This product falls under e-waste (Management & Handling) Rules, 2011. For proper disposal method, visit our website [www.fingers.co.in](http://www.fingers.co.in)