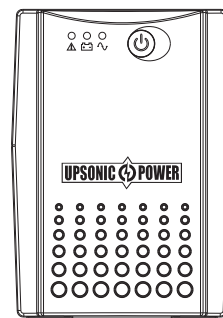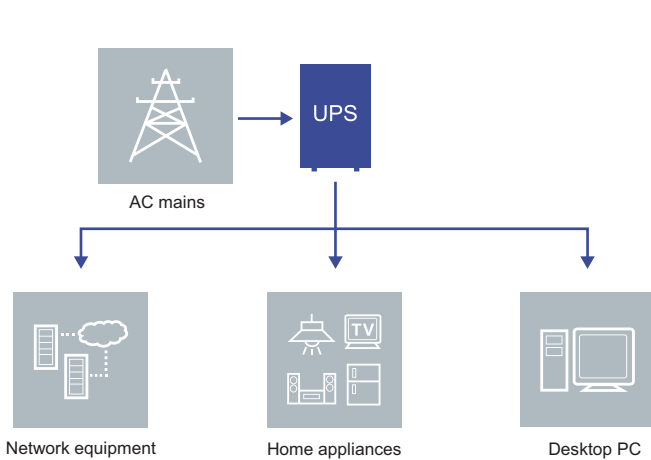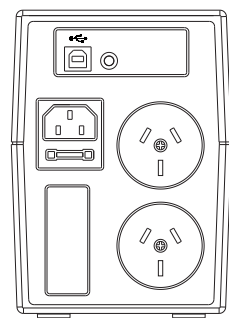# Upsonic GD series UPS

## 650VA, 1500VA, 2200VA

### Key Features

- Line Interactive, Auto Voltage Regulated UPS
- Battery Backup & Surge Protection
- LED Input / Output Status: Alarms
- Australian Outlets
- Rear panel USB interface
- User Replaceable Battery
- 3 Year Warranty

Typical Application

AC mains

UPS

Network equipment

Home appliances

Desktop PC

Modified sinewave output

built-in batteries

Super Fast Charging

Tiny Load Sensing

Front Panel

Rear Panel

**UPSONIC POWER**

RELIABLE POWER SOLUTIONS FOR A NON-STOP WORLD

## Front panel indicators

| AC Mode | Green LED Lighting |
|---|---|
| Backup Mode | Yellow LED Flashing |
| Fault | Red LED Lighting |

## Audible alarm indicator

| Backup Mode | Alarm every 10 seconds |
|---|---|
| Battery low | Alarm every 1 second |
| Overload | Alarm every 0.5 seconds |
| Fault | Continuous sounding |

## Installation Procedure

Turn ON the AC source and switch ON the UPS ON/OFF switch.
Charge UPS battery for 12 hours when plugged into AC source for first time.
Connect the AC plug of UPS into an AC source.
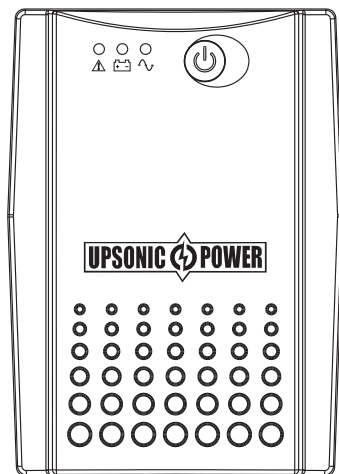
## Operation

### Start-up, mains available

Press switch,LED(green)would be continuously on.
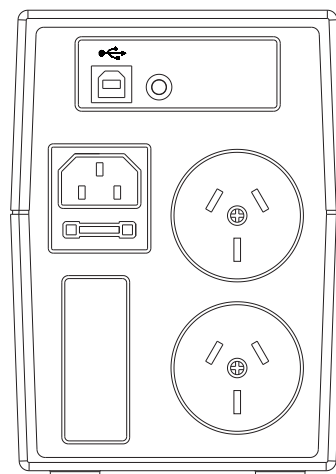Then the equipment connected to the UPS can be switched on.

### Start-up, mains not available

If the mains input is absent(power cord not connected,or mains failure):
Press switch,LED(yellow)would flashing. The UPS would be on battery mode and discharge the batteries.

Front Panel

Rear Panel

# Specifications

## Ratings

| | |
|---|---|
| Capacity | 650VA |

## Input

| | |
|---|---|
| AC input voltage (rating) | 240VAC |
| Input frequency (rating) | 50/60Hz |

## Output

| | |
|---|---|
| AC output voltage(rating) | 240VAC |
| AC output voltage tolerance | ±10%(battery mode) |
| Output frequency (rating) | 50/60Hz |
| Output frequency stability | ±1Hz (battery mode) |
| Output waveform | Simulated sine wave (battery mode) |
| Power factor | 0.6 |
| Transfer time | Typical 2-6ms |

## Batteries

| | |
|---|---|
| Nominal voltage (Vdc): | 12 |
| Number x capacity (Ah) of batteries | 1 x 12 Volt / 7AH |
| Type | 12V (sealed lead acid, maintenance free) |
| Battery recharge time for 90% capacity (hours, approximation) | 6-8 hours |
| Autonomy: runtime in minutes | 7 to 20mins(depending on load) |

## General

| | |
|---|---|
| Dimensions of machine (hxwxd, mm) | 142x101x298 |
| Enclosure / protection | IP20 |

## Environment

| | |
|---|---|
| Safety | EN62040-1 |
| EMC | EN62040-2 |
| Ambient temperature | 0-40℃ |
| Sound at 1 meter | < 45 dB |
| Humidity | 0-90% |