

### PRODUCT SPECIFICATION

#### INTRODUCTION

DYNAMIX Line-interactive Uninterruptible Power Supply (UPS) can instantly switches your computer to emergency battery backup power allowing you enough time to backup and shut down through mains power outages and continuously conditions and supply uninterrupted power through power fluctuations. This UPS is specially designed for PC users and is also suitable for computer peripherals and POS. Equip with an intelligent microprocessor that enables the UPS to self-protect and perform fault diagnostics. Even while experiencing high or low voltage the DYNAMIX UPS automatically adjusts the power supply to maintain stable voltage currents with built in AVR functionality. High-performance surge suppression also protects your electrical equipment from electrical noise and damaging power surges.



#### Uninterruptible Power Supply

Protects your data by supplying battery backup when power fails.

#### Microprocessor Control

Managed by innovative software control programs,.  
Reduced size and improved reliability.

#### Display

The UPS LCD display shows important functions such as input voltage, output voltage, battery level and frequency,

#### Audible Alarms

Warning Alarm lets you know if the unit is on battery, if the battery is low or if it's overloaded.

#### High quality battery

Improved battery life span with the use of a high quality sealed, lead-acid, maintenance free battery.

#### Automatic Detection

When the UPS is powered on, it immediately performs an inspection of the battery capacity.

#### Automatic Voltage Regulation

Corrects over and under-voltages, without draining the battery. This preserves battery resources and ensures your UPS will provide the optimum runtime during a complete blackout.

#### Surge Protection

Shields hardware from damage.

#### Automatic Charge

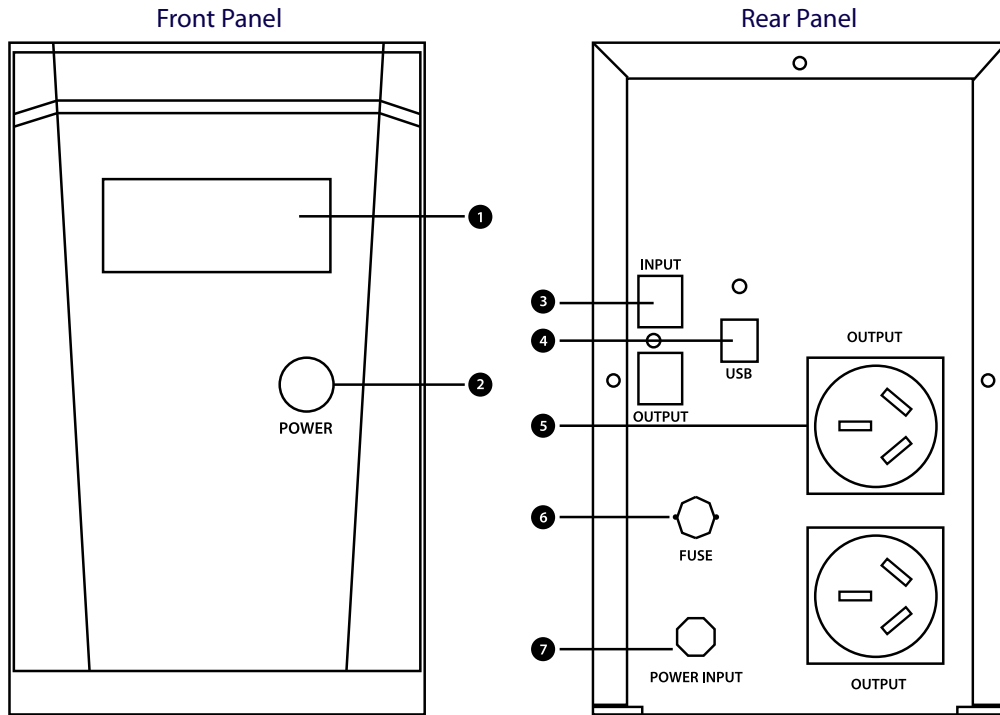
The UPS charges its battery whenever it is connected to utility power.

#### Automatic Restart

If the UPS shuts down due to low battery voltage, when power resumes, the UPS will automatically restart.

[SPECIFICATIONS >](#)

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UPS650A Illustrated

Characteristic	Specification		
MODEL	UPS650A	UPS1000A	UPS1800A
Rated Power	650VA	1000VA	1800VA
Backup Power	390W	600W	1080W
Input Voltage	145-290V~		
AVR Range	200-250V~		
Battery mode output	210-230V~		
Frequency	50Hz/60Hz		
Battery	Sealed, maintenance-free lead acid		
Capacity	1X 12V/7AH	2X 12V/7AH	2X 12V/12AH
Back-up time (half load)	Over 8 minutes	Over 10 minutes	Over 12 minutes
Recharge Time	10-hours (90%)		
Display & indicators	AC Mode, Battery Mode, Input Voltage, Output Voltage, Battery Capacity, Load Capacity, Charger, Buzzer.		
Audible Alarm (Battery Mode)	Beeping sound every four seconds, rapid beeping (every 0.5 second) if approaches final discharge		
Fault (overload)	Continuous beeping		
Temperature	-5° – 40°		
Humidity	10-90% RH, non-condensing.		
Audible Noise	< 45dBA		
Transfer time	< 10 ms		
Net Weight (kgs)	5.5	10.5	15.5
Dimension	85x320x155mm	120x360x207mm	154x438x223mm