

## PowerCube Series

### Line Interactive UPS



The PowerCube Series uses a line-interactive topology which comes with simulated sinewave output to provide cost-effective power protection for your equipment. The UPS comes with mounting slots that allow users to easily mount it on a wall in order to achieve wall-mount orientation and save space.

The UPS comes with a built-in boost and buck Automatic Voltage Regulator (AVR) to ensure all connected equipment receives stable power at the same voltage as the utility.

The PowerCube Series is the ideal solution for any home or small office application such as personal computers, workstations, networking devices, and Point-of-Sales (POS) systems.

## Features

- User Friendly LED Indicator
- Wall-Mounted Design
- Microprocessor Control Guarantees High Reliability
- 4 x 13Amp British Output Socket c/w Safety Window + 2 x IEC Output Socket
- Built-in Boost & Buck AVR
- High Quality SLA Maintenance Free Battery
- Hot-Swappable Battery Design
- Built-in EMI/RFI Noise Filter
- Green Power Function for Energy Saving
- Lightning, Spike & Surge Protection
- Modem/Fax/Network Line Protection (RJ11/RJ45)
- Comes with RS 232 Port, USB Port & Power Management Software



Personal  
Computer



POS  
Terminal



Home  
Theatre System



ATM  
Machine

## Key Advantages

### LED Indicator

3 x L.E.D indicator to show signal of UPS in AC Mode, Battery Mode and UPS Fault

### Wall-Mounted Design

This UPS comes with mounting slots which enable users to easily install on walls to achieve wall-mount orientation and save space

### Microprocessor Control Guarantees High Reliability

Provide clean and stable power to connected equipment while its embedded microprocessor controller guarantees high reliability

### Output Socket

Comes with 4 x 13Amp British Output Socket c/w Safety Window and 2 x IEC Output Socket

### Boost & Buck AVR

Built-in boost and buck AVR ensures all connected equipment receive stable power with the same voltage as utility

### Green Power Function for Energy Saving

Green power function able to achieve lower power consumption for energy saving

### Hot-Swappable Battery Design

UPS battery replacement can be performed without powering down the UPS

### Power Management Software

Come with RS 232 Port & USB Port interfaces to support UPS Power Management Software

## Front & Rear Panel

800VA



Front Panel



Rear Panel

1. 4 x 13Amp British Output Socket c/w Safety Window
2. 2 x IEC Output Socket
3. 3 x L.E.D Indicators
4. Circuit Breaker

5. RJ 11/RJ45 Surge Protection
6. RS-232 Port
7. USB Port
8. Power ON/OFF Button



## Technical Specification:

MODEL	PowerCube 800G2
CAPACITY (VA)	800VA
<b>INPUT</b>	
INPUT VOLTAGE	220V / 230V / 240V
VOLTAGE RANGE	162 - 290V
INPUT FREQUENCY	45 - 65Hz (Auto-sensing)
<b>OUTPUT</b>	
OUTPUT VOLTAGE	220V / 230V / 240V
VOLTAGE REGULATION (Battery Mode)	+/-10%
OUTPUT FREQUENCY	50 Hz or 60 Hz
FREQUENCY REGULATION (Battery Mode)	+/-1 Hz
WAVEFORM	Simulated Sinewave
TRANSFER TIME (Typical)	2ms - 6ms
OUTPUT SOCKET	4 x 13Amp British Socket c/w Safety Window + 2 x IEC Output Socket
<b>BATTERY</b>	
SEALED LEAD ACID MAINTENANCE FREE	12V 7AH x 1pc
HOT-SWAPPABLE BATTERY (USER REPLACEABLE DESIGN)	Yes (Able to replace battery without turning off UPS)
BACK UP TIME (Depending on Load)	20 - 30 minutes
RECHARGE TIME	3 Hours to 90% After Complete Discharge
<b>STATUS INDICATOR</b>	
LED INDICATOR	AC Mode - Green LED Lighting ; Battery Mode - Yellow LED Flashing ; UPS Fault - Red LED Lighting
AUDIBLE ALARMS	Backup Mode - Beeping every 10 seconds
	Low Battery - Beeping every second
	Battery Replacement - Sounding every 2 seconds
	Overload - Beeping every 0.5 seconds
	UPS Fault - Continuously Beeping
<b>COMMUNICATION</b>	
POWER MANAGEMENT SOFTWARE	Support Window Family, Linux & MAC
	- Automatically Shutdown, Saves Application Data Before Exit - Power Flow Display for Monitoring UPS Status
	- Schedules System Shutdown/Restart - Warning Notification Via E-Mail/Pager/Broadcast
	- Remote Monitor/Control via LAN - Safety Shutdown Multi System
INTERFACE	- Records Logs for Analysis RS232 & USB Port
<b>SURGE PROTECTION &amp; FILTERING</b>	
FULL PROTECTION	Discharge, Overcharge and Overload Protection
LIGHTNING / SURGE PROTECTION	Yes
OVERLOAD PROTECTION	Fuse, Current Limited & Cut-off (Re-settable Circuit Breaker)
PHONE / FAX / MODEM / NETWORK PROTECTION	RJ 45 (1 in 1 out)
<b>PHYSICAL</b>	
OPERATING ENVIRONMENT	0-40°C, 0-90% Relative Humidity (Non-Condensing)
NOISE LEVEL	Less Than 40dB
DIMENSION (D x W x H) mm	292 x 199 x 91
WEIGHT (KG)	5.8
<b>WARRANTY</b>	
UPS WARRANTY	3 Years Full Warranty Include Parts & Labour
	2 Years Warranty for Battery

\*Specification subjects to change without prior notice