

CUB UPS

Reliable Power Protection with standard battery backup



The Eaton CUB Line-Interactive UPS affordably protects critical applications from downtime, data loss and corruption caused by power fluctuations and outages.

With built-in Double Boost and Buck Automatic Voltage Regulation, the CUB is perfect for areas where the supply voltage is constantly unstable.

Designed for IT applications requiring standard power backup time, the CUB features a microprocessor controller for managing power.

Product Snapshot

Power Rating : 600/1000 VA
Configuration : Tower
Voltage : 230V
Frequency : 50 Hz
Technology : High-frequency line-interactive

Features

- Microprocessor controller design assures maximum reliability and stability
- Double Boost & Buck voltage regulation provides stabilised output
- Stepped sine wave provides high efficiency
- Wide input-voltage range appropriate for the harshest electrical environments
- Up to 4 India type 5A output receptacles
- Auto-restart function
- Cold start on battery power allows portable power
- Compact design is perfect for placement on or under a desk
- Green Power function prevents battery discharge when no load is present

Line-Interactive topology

This topology guarantees consistent reliability and high level of power quality. Whatever the supply disturbances, the output waveform is stabilised via double boost and buck mode. The battery is used only as a backup source.

High performance and reliability

CUB features a microprocessor controller that delivers modified sine wave output offering the highest levels of reliability and efficiency, all in a compact design.

Wide Input-voltage range

CUB has a very wide input voltage range of 140-300V, which reduces the number of transfers to battery power.

Cold start on battery power

This function ensures trouble free start-up of your applications even during a utility power outage.

Auto restart function

When AC power returns the UPS will automatically restart without user intervention.

Overload protection

Alerts the user and prevents the UPS from being damaged.



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Technical Specifications

Model : VA/Watts		600VA/360W	1000VA/600W
Technology		Line - Interactive with Microprocessor Controlled Design	
Input / Output			
Nominal Input Voltage		230Vac 1 Phase	
Input Voltage Window @ full load		140 - 300Vac (load dependent)	
Input Power Factor		0.98	
Frequency & Frequency Range		50+/- 1Hz	
Nominal Output Voltage		230V	
Output Voltage on Battery		+10 % / -10%	
Output Waveform		Modified sine wave	
Input Connection		C14 5A	
Output Receptacles		(3) IN 5A	(4) IN 5A
Battery			
Battery Quantity		1 x 12V/7AH x 1	1 x 12V/7AH x 2
Re-chargeTime to 90% Capacity		6 hours	
Battery BackupTime* (At a PC load with15" monitor)		15-20 minutes	30-35 minutes
Start-on-Battery		UPS can be started without being connected to AC utility power	
User Interface			
Visual	Line Mode: Green LED Lighting Battery Mode: Green LED Flashing Fault: None	Line Mode: Green LED Lighting Battery Mode: Yellow LED Flashing Fault: Red LED Lighting	
Control		One button for On/Off	
Environment			
Operating Temperature		0°C ~ 40°C	
Storage Temperature		-15°C ~ 50°C	
Humidity		0 ~ 90%	
Noise Level		<40dB	
Dimensions & Weights W x H x D mm			
Models (W x H x D) mm		278 x 100 x 143	364 x 139 x 195
Gross Weight (kg)		5.4	10.43

In the interest of continuous product improvement, all specifications are subject to change without notice.

*Battery backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

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