COMET POWER SOLUTIONS

LINE INTERACTIVE UPS 750VA

K Series Off-Line / Line-Interactive Uninterruptible Power Supply

MODEL: K-750

Capacity: 750VA

Product Overview

The COMET K Series 750VA Line Interactive UPS provides reliable power protection and battery backup for workstation computers, small office network gear, departmental servers, and sensitive electronic equipment. Featuring automatic voltage regulation (AVR) and advanced microprocessor control, it safeguards connected devices against blackouts, brownouts, overvoltage, and power surges.



Key Features & Advantages

- Simple, compact, and modern enclosure design
- Super-wide mains AC input voltage range (145–280 VAC)
- Advanced microprocessor control ensuring high operational reliability
- Automatic Voltage Regulation (AVR) for automatic boost & buck adjustment
- Auto-restart function upon AC mains restoration
- Off-mode automatic battery charging & Cold Start capability
- Generator compatibility for versatile backup power deployment
- Comprehensive protection against overload, deep discharge, and overcharge

Technical Specifications

Category	Parameter	Specification / Detail
Input	Nominal Input Voltage	220 VAC
Input	AC Input Voltage Range	145 – 280 VAC
Input	Input Frequency Range	50 Hz (Auto-sensing)
Input	Generator Compatibility	Yes
Output	Power Rating / Capacity	750 VA / 360 W
Output	Voltage Range (Battery Mode)	220 VAC ± 10%
Output	Frequency Range (Battery Mode)	50 Hz ± 1 Hz

Output	Transfer Time	Typical: 2–6 ms; Maximum: 10 ms
Output	Waveform (Battery Mode)	Modified Sine Wave
Battery	Battery Model & Quantity	12V / 7Ah x 1
Battery	Recharge Time	6 hours recharge to 90% capacity
Battery	Charging Behavior	Automatic charging in Off-mode
Battery	Cold Start Function	Supported (Power on with battery)
Status & Alarm	LED Indicator (AC Mains Mode)	Green Light (Normal AC Operation)
Status & Alarm	LED Indicator (Battery Mode)	Yellow Light Flash
Status & Alarm	Audible Alarm - Battery Mode	Beeps every 4 seconds
Status & Alarm	Audible Alarm - Low Battery	Beeps every 1 second
Status & Alarm	Audible Alarm - Overload	Beeps every 0.5 seconds
Status & Alarm	Audible Alarm - Fault	Beeps continuously
Protection	Comprehensive Protection	Full protection against overload, deep discharge, and over-charge
Physical	Dimensions (D x W x H)	335 x 87 x 143 mm
Physical	Net Weight	4.4 kg
Environment	Operating Temp & Humidity	0°C – 40°C @ 0–90% Relative Humidity (Non-condensing)
Environment	Acoustic Noise Level	< 40 dB at 1 meter distance

Recommended Applications

Workstations & PCs
Desktop PCs, office workstations, & peripherals

Small LAN & Routers
Modems, routers, network switches, & IPOs

Departmental Servers
Small enterprise servers & network equipment

Precision Electronics
Small medical devices & electronic instruments