

LCD Line Interactive Uninterruptible Power Supply

Uninterruptible power supply (UPS) with LCD display provides line interactive backup power. Features include voltage regulation, surge protection, and battery backup to protect sensitive electronic equipment from power outages, voltage fluctuations, and surges.



Overview

Reliable Line Interactive UPS System

This line interactive Uninterruptible Power Supply (UPS) provides essential protection for your critical electronic equipment, including computers and networking hardware. Featuring a clear LCD display, it offers real-time monitoring of input/output voltage and load status. With advanced features like automatic voltage regulation, cold start capability, and surge suppression, this unit ensures your devices remain powered and safe during outages or electrical fluctuations.

Performance Metrics

Key Performance Metrics

2 ms

Transfer Time

45 dB

Max Noise Level

90 %

Max Recharge Time

Technical Specifications

Model Capacity Comparison

Model	Capacity (VA/W)	Backup Time (1 PC)	Weight (KG)
PCT-500	500VA/300W	8-15 mins	5
PCT-650	650VA/360W	10-18 mins	5.5
PCT-1000	1000VA/600W	20-30 mins	10.5
PCT-1500	1500VA/880W	25-45 mins	11.5
PCT-2000	2000VA/1200W	30-45 mins	17

Input & Output Details

- Input Voltage: 145-290VAC
- Input Frequency: 50Hz +/- 10%
- Output Voltage (AC Mode): 190-250VAC
- Output Voltage (Inverter Mode): 220VAC +/- 5%
- Waveform: Modified-Sinewave

Features & Protection

Protection Systems

Overload Protection • Short Circuit Protection • Over/Under Voltage Protection

Key Functionalities

Cold Start, Automatic Restart, Automatic Charge, Generator Compatible, Spike & Surge Suppression

Environmental

Operating Environment

- Temperature: -5 to 45°C
- Humidity: 20% to 90% non-condensing