

Low Frequency Online UPS

This UPS system provides continuous power to connected equipment, isolating them from power line disturbances. Its low-frequency design ensures reliability and the ability to handle demanding loads.



ADDITIONAL IMAGES



Overview

CHP3000 Series Low Frequency Online UPS

The CHP3000 series is a robust, low-frequency online UPS system designed for high-reliability applications in sectors such as telecommunications, banking, and industrial manufacturing. Utilizing advanced digital control technology and the 6th generation IGBT inverter, it provides superior power stability and handles complex grid environments with ease. With a scalable capacity ranging from 10kVA to 600kVA, this system offers intelligent battery management and comprehensive protection features to ensure continuous, clean power for critical infrastructure.

Performance Metrics

Capacity Range

10 kVA

Minimum Capacity

600 kVA

Maximum Capacity

Operating Environment

- Temperature: -10 to 40°C
- Relative Humidity: 30% to 90%
- Standard Altitude: < 2000m
- Max Altitude: 4000m (with derating)

Technical Specifications

Voltage Configurations

Configuration Type	Standard Options
Standard	220/380VAC, 230V/400VAC, 240V/415VAC
Optional	110V/208VAC, 120V/220VAC, 277V/480VAC

Inverter Technology

6th Gen IGBT • Digital Control • High-precision SMD

Protection Features

Input-output over-low voltage protection, Input surge protection, Phase protection, Battery overcharge/discharge protection, Output overload/shortcut protection, Overheat protection

Features

Included Services

- Startup assistance
- Internal bypass
- 2-year warranty

Optional Upgrades

- Input harmonic filter
- 12 pulse wave rectifier
- Battery detecting modules
- SNMP card for remote control