

6-50kVA Three-Phase Low-Frequency Transformer UPS

This three-phase UPS utilizes a low-frequency transformer for enhanced reliability and performance. It provides online double conversion and a wide input voltage range.



ADDITIONAL IMAGES



Product Overview

Reliable Three-Phase Power Protection

This 6-50kVA three-phase UPS system utilizes a low-frequency transformer-based design to provide robust galvanic isolation and clean power for critical B2B applications. Featuring online double conversion technology and an IGBT inverter, it ensures a zero-millisecond transfer time and high reliability in harsh electrical environments. It is an ideal solution for data centers, industrial facilities, and medical systems requiring stable, uninterrupted power.

Key Features

Main Features

- IGBT inverter and output isolation transformer
- Online double conversion technology
- Wide input voltage range (380V \pm 25%)
- RS232/RS485 communication ports
- Optional SNMP adapter and dry contacts
- Integrated maintenance bypass switch
- Optional external battery pack support

Performance Metrics

Performance Highlights

0 ms

Transfer Time

0.9

Max Power Factor

380 Vac

Nominal Input

Technical Specifications

Model Comparison

Model	Capacity (kVA)	Battery Voltage (Vdc)
3B10K	10kVA	192
3B15K	15kVA	192
3B20K	20kVA	192
3B30K	30kVA	192/384
3B40K	40kVA	384
3B50K	50kVA	384

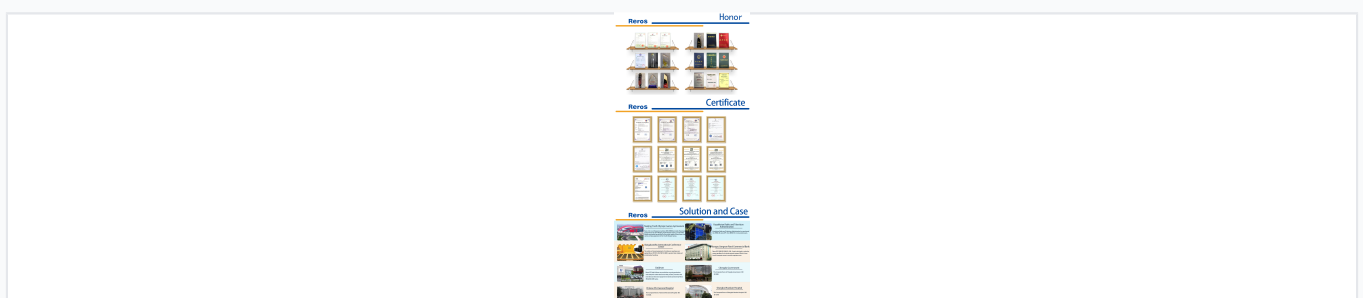
Input & Output

Input Phase	3 W +PE
Input Frequency Range	45^60Hz (Auto-synchronization)
Output Voltage	220/230/240 Vac ±1%
Output Frequency	50/60Hz ±0.5% (Free oscillation)

Applications

Target Sectors	Data Center, Industrial, Commercial Facility, Telecom, Medical, Banking, Precision Instruments
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Compliance & Quality



Proven reliability through global installations in hospitals, banks, and government facilities, backed by international quality certifications.

Certifications

CE • ISO 9001 • ISO 14001 • ISO 45001 • SGS