

High Frequency Online Uninterruptible Power Supply (UPS)

This high frequency online UPS delivers clean and reliable power to critical equipment. Double-conversion technology isolates the output power from input disturbances, providing a high level of protection.



Overview

High-Performance Power Protection

This high-frequency online uninterruptible power supply (UPS) utilizes double-conversion technology to provide isolated, clean, and reliable power to critical infrastructure. Designed for versatility, it features wide input voltage compatibility and advanced digital control to effectively protect sensitive equipment from surges, outages, and voltage fluctuations. Its modular design and parallel redundancy capabilities ensure high reliability and easy scalability for demanding professional environments.

Technical Performance

Core Metrics

96 % Efficiency	0.99 Power Factor	10 min Avg Maintenance
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System Efficiency	96 %
Input Power Factor	0.99
Input THDi	< 5%
Output Voltage Regulation Accuracy	< +/- 1%
Input Voltage Range	200V - 482V

System Features

Key Features	Double Conversion Online, Digital Parallel Redundancy, Modular Design, EPO Function, All Digital Control
Battery Configuration	30-50 units per set (optional/external)
Average Maintenance Time	10 min

Applications

Typical Applications

- Data Centers (IDC)
- Financial Institutions
- Telecommunications
- Medical Facilities
- Government Projects
- Transportation Systems
- Commercial Operations