

High Frequency Online UPS

High-frequency online UPS systems ensure continuous power protection for critical applications. They utilize double-conversion technology and provide zero transfer time to battery.



Product Overview

High-Performance Online UPS

This High Frequency Online UPS provides continuous power protection through true double-conversion technology, ensuring zero transfer time for critical applications. Designed with microprocessor control and DSP technology, it delivers a pure sinewave output suitable for sensitive electronic equipment, servers, and data centers. The unit features a wide input voltage range and frequency converter mode, making it a reliable solution for unstable power environments.

Key Features

Core Capabilities

True Double-Conversion, Pure Sinewave, Microprocessor Control, Frequency Converter Mode, Generator Compatible, EPO Function

Electrical Specifications

Capacity

2 kVA

Capacity (kVA)

1.6 kW

Power (kW)

Input Specifications

Parameter	Value
Nominal Voltage	220/230/240VAC
Voltage Range	90V~300V
Frequency Range	40~70Hz
Power Factor	0.99

Output Specifications

Parameter	Value
Voltage	230V (Selectable)
Voltage Regulation	1%
Waveform	Pure Sinewave
THDv (Linear Load)	2%

Efficiency

Efficiency by Mode

90 %

AC to AC

95 %

ECO Mode

88 %

Battery Mode

Battery & Runtime

Battery Type	Valve Regulated Maintenance Free Lead Acid (VRLA)
Recharge Time	~5 Hours (Standard model)

Physical & Environment

Dimensions	145(W) x 220(H) x 328(L) mm
Operating Temperature	40 °C
Operating Humidity	5~97% (Non condensing)

Connectivity

Communication Ports

- RS232
- SNMP (Optional)
- USB (Optional)