# UPS2000-A Series

(1-3kVA)

## Introduction

UPS2000-A series with a capacity ranging from 1kVA to 3kVA is an online double conversion power system that delivers continuous, high-quality AC Power. It's really a perfect power protection solution for small power scenarios.

## Scenarios

- Small and medium enterprises, large enterprise branch offices, bank branches and other small data centers
- Networks, communications systems, automatic control systems and other precision equipment
- Family, office

## Features

**Reliable**

- Wide input voltage range to minimize battery use
- Online double conversion power system provides continuous, high-quality AC Power

**Efficient**

- Efficiency up to 90%, reduce energy consumption, green and energy-saving
- Ultra small volume, compared to the traditional UPS system to save space

**Simple**

- LCD screen supports real-time monitoring and convenient operation
- Built-in battery, easy to use
- Enables quick and easy configuration of the UPS
- NetEco network manager, supporting centralized management to all the UPSs

# Specifications

| Rated capacity (kVA/kW) | | | 1kVA/0.8kW | 2kVA/1.6kW | 3kVA/2.4kW |
|---|---|---|---|---|---|
| Input: Output | | | 1-in: 1-out | | |
| Mains Input | Input Wiring | | L+N+PE | | |
| | Rated Voltage | | 220/230/240VAC | | |
| | Input Voltage Range | | 110-300VAC | | |
| | Input Frequency Range | | 40-70Hz | | |
| | Input Power Factor | | 0.99 | | |
| Bypass Input | Input Rated Voltage | | 220/230/240VAC | | |
| | Input Voltage Range | | 174-264VAC | | |
| | Input Frequency Range | | 47-53Hz / 57-63Hz | | |
| Battery | Battery Voltage | Standard | 24VDC | 48VDC | 72VDC |
| | | Long Backup | 36VDC | 72VDC | 96VDC |
| | Backup Time | Standard | >5 minutes @ 80% load | | |
| | | Long Backup | Depending on the capacity of external batteries | | |
| Output | Output Wiring | | L+N+PE | | |
| | Output Connections | | 4 X IEC C13 | 6 X IEC C13 | 6 X IEC C13 + 1 X IEC C19 |
| | Rated Voltage | | 220/230/240VAC ±1% | | |
| | Output Frequency | | Tracking the bypass input (Normal mode); 50/60Hz ± 0.05% | | |
| | Output Power Factor | | 0.8 | | |
| | Waveform | | Sinewave, THDv< 3% | | |
| | System Efficiency | | 88% | 89% | 90% |
| | Overload Capacity | | ≤110% overload for 10 minutes; ≤130% overload for 1 minute;≤150% overload for 3 seconds | | |
| Environ-ment | Operating Temperature | | 0 to 40°C | | |
| | Storage Temperature | | –40 to +70°C (battery: –20 to +40°C) | | |
| | Relative Humidity | | 0%–95% RH (no condensation) | | |
| | Operating Altitude | | 0-1000m. Above 1000m, derating rate based on EN/IEC 62040-3 | | |
| | Audible Noise | | <50dB | | |
| Others | D x W x H (mm) | Standard | 282 x 145 x 220 | 397 x 145 x 220 | 421 x 190 x 318 |
| | | Long Backup | 282 x 145 x 220 | 397 x 145 x 220 | 397 x 145 x 220 |
| | Weight (kg) | Standard | 9.9 | 17.3 | 26.7 |
| | | Long Backup | 4.8 | 7.6 | 8.2 |
| | Certifications | | EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; CB; RoHS, REACH, WEEE, etc. | | |
| | Communications | | USB&RS232 (optional RS485/Dry contact/SNMP) | | |

Notice:

1. The UPS series are for commercial/industrial use and not used for life support equipment;
2. The critical systems concerning economic and public security must adopt power supply architecture that comply with Uptime TIER III or TIER IV requirements stated in TIA942.