

UPS2000-G Series

(6-20kVA)

Introduction

UPS2000-G series with a capacity ranging from 6kVA to 20kVA is an online double conversion power system that delivers continuous, high-quality AC power. It is rack/tower convertible and 95% high efficiency helps it get ECA energy saving certification from United Kingdom government and the world's first batch of "Energy Star" certification. It's really a perfect power protection solution for small power scenarios.

Scenarios

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

Features

Reliable

- 5kA lightning protection design, reducing lightning-related failure rate
- Key component failure pre-alarm including fans, batteries, bus capacitors to remind customers to maintain before failure occurs
- Ultra-wide voltage input range to extend battery service life by effectively reducing times of switchover to battery mode

Efficient

- High efficiency at online mode to reduce power loss of UPS and air conditioner: up to 95% for 15/20kVA, 94.5% for 10kVA, 94% for 6kVA

Simple

- Rack/tower convertible, suitable for different installation scenarios
- High expandability design: up to four units can be connected in parallel to achieve higher capacity or reliability
- NetEco network manager, supporting centralized management to all the UPSs



UPS2000-G-6K/10K



UPS2000-G-15K/20K

Specifications

| Rated Capacity(kVA/kW) | | 6/5.4 | 10/9 | 15/13.5 | 20/18 |
|------------------------|-----------------------|--|-------------------------------|---|-------|
| Input: Output | | 1-in: 1-out | 1-in: 1-out or 3-in: 1-out | 1-in: 1-out, 3-in: 1-out or 3-in: 3-out | |
| Mains Input | Input Wiring | L+N+PE | L+N+PE /3Ph+N+PE | | |
| | Rated Voltage | L-N: 220/230/240V AC | | | |
| | Input Voltage Range | L-N: 80-280V AC | | | |
| | Input Frequency Range | 40-70Hz | | | |
| | Input Power Factor | 0.99 | | | |
| Bypass Input | Rated Voltage | L-N: 220/230/240V AC | | | |
| | Frequency | 50/60 ± 6Hz | | | |
| Battery | Rated Voltage | 192-240V DC | | 384-480V DC, 32-40 section adjustable, default 40 | |
| Output | Output Wiring | L+N+PE | | L+N+PE /3Ph+N+PE | |
| | Output Sockets | 2 × C13 (10A) | - | | |
| | Rated Voltage | 220/230/240V AC ±1% | | L-N: 220/230/240V AC ±1% | |
| | Rated Frequency | Tracking the bypass input (Normal mode); 50/60 Hz±0.05% (Battery mode) | | | |
| | Output Power Factor | 0.9 | | | |
| | Waveform | Sine wave, THDv<2% | | | |
| | Efficiency | 94% | 94.5% | 95% | |
| Environment | Operating Temperature | 0-40°C | | | |
| | Storage Temperature | -40 to 70°C | | | |
| | Relative Humidity | 0%-95% (No condensing) | | | |
| | Operating Altitude | 0-1000m. Above 1000m, derating rate based on EN/IEC 62040-3 | | | |
| | Audible Noise | < 55dB | | < 58dB | |
| Others | H × W × D (mm) | 86 × 430 × 615 | | 130 × 430 × 757 | |
| | Weight | 14kg | 16kg | 32kg | |
| | Certifications | EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; CB; RoHS, REACH, WEEE, etc | | | |
| | Communications | USB(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.