



TRUE ONLINE DOUBLE CONVERSION UPS

SINGLE PHASE INPUT - SINGLE PHASE OUTPUT 1KVA - 10KVA

ONLINE UPS

The Champion UPS On-Line Series is yet another option for applications that require the best protection available. This feature-rich, single-phase, true on-line UPS has been designed to support large loads for data centers, large telephone systems and other mission-critical applications.

A perfectly regulated, continuous sine wave output with zero transfer time offers guaranteed uptime and compatibility with all equipment types.

APPLICATIONS

- VoIP
- Data Centers
- Server Racks
- Large Telephone System
- Large Network Switches
- Emergency Services
- Medical Equipment
- Industrial & Manufacturing, etc.

FEATURES



Built in automatic bypass



User friendly compact design with LCD display



Extended runtime with external battery



High input power factor and low voltage THD



DC start & automatic self-diagnostic function



True online topology with pure sine wave output



Wide input voltage range & generator compatible



Communications capability via RS-232 or optional SNMP

SPECIFICATIONS

| MODEL | UPS-1KVA | UPS-2KVA | UPS-3KVA | UPS-6KVA | UPS-8KVA | UPS-10KVA |
|-----------------------------|--|-------------|-------------|-----------------|-------------|-------------|
| Power Capacity | 800W | 1600W | 2400W | 4800W | 6400W | 8000W |
| Input | 220VAC, Single Phase with Ground | | | | | |
| Input Voltage | 220VAC, Single Phase with Ground | | | | | |
| Input Voltage Range | 115VAC-295VAC | | | 120VAC-274VAC | | |
| Input Frequency | 50 Hz | | | | | |
| Input Frequency Range | 46Hz to 54 Hz | | | | | |
| Output | 220VAC / 230VAC \pm 2% | | | | | |
| Voltage (Main Mode) | 220VAC / 230VAC \pm 2% | | | | | |
| Frequency | Synchronized 46-54Hz (Line Mode) 50Hz \pm 0.1% (Battery Mode) | | | | | |
| Waveform | Sine Wave | | | | | |
| Distortion | < 3% for Linear Load; <5% for Non Linear Load | | | | | |
| Power Factor | 0.8 | | | | | |
| Crest Factor | 3:1 | | | | | |
| Batteries | External Battery Bank | | | | | |
| Type | External Battery Bank | | | | | |
| DC Voltage | 36VDC | 96VDC | 192-240VDC | | | |
| Recharging Time | 8 Hours to 90% of full Capacity after full Load Discharge | | | | | |
| Charger Type | Constant Voltage Constant Current | | | | | |
| Efficiency | | | | | | |
| Overall | > 90% | | | | | |
| Inverter | > 92% | | | | | |
| Protections | | | | | | |
| Mains | I/P Under & Over Voltage cut-off | | | | | |
| Inverter | Output Overload / Shortcircuit / Output Under Voltage / Battery Low | | | | | |
| Alarms & Display | | | | | | |
| Audible Alarm | Battery Mode, Battery Low, Overload, Fault | | | | | |
| LCD Display | I/P & O/P Voltage/Load Level/Battery Level/Battery Mode/AC Mode/Bypass/Fault | | | | | |
| Environmental | | | | | | |
| Ambient Operation | 20%-90% Non Condensing, 0-40 deg C | | | | | |
| Audible Noise | <60 dBA (1 mts from surface) | | | | | |
| Physical | | | | | | |
| Input Line | 1.5 mts. Line Cord | | | | | |
| MCB's | Input | | | Battery / Input | | |
| Cooling | Forced Air | | | | | |
| Mechanical | | | | | | |
| Dimension (W*D*H)(mm) | 145*350*230 | 192*425*330 | 192*425*330 | 260*540*500 | 260*540*500 | 260*540*500 |
| Net Weight (w/o battery) | 6 kgs | 12 kgs | 14 kgs | 22 kgs | 24 kgs | 30 kgs |

* Specifications are subject to change without notice.



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