



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	115VAC - 295 VAC 120 VAC - 274 VAC					
Input Voltage Range	115VAC - 295 VAC 120 VAC - 274 VAC					
Input Frequency	50 Hz					
Input Frequency Range	46Hz to 54 Hz					
Output	220VAC / 230VAC ± 2%					
Voltage (Main Mode)	220VAC / 230VAC ± 2%					
Frequency	Synchronized 46-54Hz (Line Mode) 50Hz ± 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 (WxDxH)(mm)	145 X 350 X 230	192 X 425 X 330	192 X 425 X 330	260 X 540 X 500	260 X 540 X 500	260 X 540 X 500
Net Weight (w/o battery)	6Kgs	12Kgs	14Kgs	22Kgs	24Kgs	30Kgs

* Specifications are subject to change without notice.



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