

ups

LEVEL 3

CENTOR UNINTERRUPTIBLE POWER SUPPLY

IDEAL FOR TELECOMS, CRITICAL SERVERS AND MID RANGE COMPUTER SYSTEMS



- Online double conversion
- Single phase input/output design
- Dual CPU microprocessor control
- Wide input voltage range
- Power factor correction
- Cold start
- Extended battery runtimes
- Advanced battery management
- Variable fan speed control
- ISO 9000 build standard
- 24 months warranty
- 19" rackmount versions
- RS232 port & free shutdown software
- SNMP optional interface

CENTOR UPS online double conversion system is at the leading edge of technological development utilising the latest microprocessor architecture. This digital technology ensures the UPS will provide a high level of performance to maintain safe and reliable protection against the growing background of modern day power issues.

CENTOR UPS provides total protection against harmful effects of voltage spikes, sags, surges and transients with the added option to extend battery backup runtimes adequately supported with a high current charger.

CENTOR UPS utilises a fully rated sinewave inverter. This is capable of supporting adverse loads which have high crest factor demands that are typically associated with switch mode power supplies.

CENTOR UPS incorporates an innovative dual microprocessor control which considerably enhances the overall operational qualities of the UPS and provides an extremely reliable system even in adverse conditions.



TECHNICAL SPECIFICATION – CENTOR RANGE

UPS Tower Model	1000	1500	2000	3000	6000	8000	10000	12000	15000
UPS Rackmount Model	✓	✓	✓	✓	Not available				
Rackmount Size	3U	3U	3U	3U	Not available				
Rating VA	1000VA	1500VA	2000VA	3000VA	6000VA	8000VA	10kVA	12kVA	15kVA
Rating W	700W	1050W	1400W	2100W	4200W	5600W	7kW	8.4kW	10.5kW
Nominal Input Frequency	Single Phase 50Hz or 60Hz +/- 3Hz								
Input Voltage Range	100V – 280V				85V – 276V	170V – 276V			
Input Power Factor	>0.98pf								
Output Voltage/Frequency	Nominal 220/230/240Vac +/- 2% Single Phase 50Hz/60Hz +/- 0.5% - please consult our sales office for low voltage availability								
Output THD/Power Factor	<3% of THD at linear load / 0.7pf lagging								
Crest Factor	3:1								
Overload	105% for 10 seconds / 130% +/- 10% for 300ms								
Bypass Transfer	Electronic no break 0 ms								
UPS Efficiency (AC to AC)	<85%								
Battery Nominal Voltage	36Vdc	48Vdc	72Vdc	96Vdc	240Vdc				
Recharge Period	Approx. 8 hours to 90% following full discharge								
Backup Time Full Load	7min	5min	9min	7min	7min	15min	10min	7min	8min
Backup Time 70% Load	20min	17min	20min	15min	19min	40min	28min	20min	13min
Operating Conditions	Max. Altitude 15,000m / 0 – 45 Deg C								
Storage Conditions	Max. altitude 3000m / 0 – 90% humidity non-condensing / 10 – 40 Deg C								
Acoustic Noise (1m)	<45dBA		<52dBA		<47dBA	<55dBA			
Interface	RS232 serial port with dry contacts for mains fail, low battery & auto shutdown signal								
Shutdown Software	Standard for all models including UPS power status and UPS ON/OFF scheduling								
SNMP Interface	Available option on all models								
UPS Input Connection	IEC320 (10A) C14				Hardwired				
Output Receptacles	4 x IEC320 (10A)				Hardwired				
Tower Dimensions*	220x145x400		385x192x460		700x260x555		980x340x640		1160x340x760
Rackmount Dimensions*	130x483x400		130x483x470		n/a		n/a		n/a
Tower Weight kg	11.3	13.9	28.1	33.3	114	250			255
Rackmount Weight kg	23.5	26.1	27.0	31.0	n/a	n/a			n/a
Warnings/Alarms	Battery on discharge & UPS fault								
LCD Indicator	Indicates mains, bypass, inverter, battery, alarms, voltage, frequency, battery capacity, load & UPS temperature								
Warranty	24 months								
In Compliance With	CE / EN-50091-2-3 / CEI 74-2 / EN 60950								

*HWD mm