NEW CLOUD BASED UPS RANGE
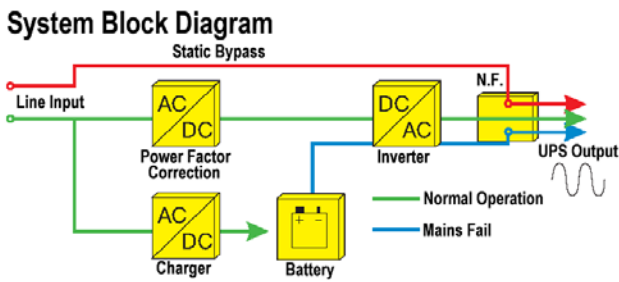

UPSONIC POWER

Cloud Series
True On-line Double Conversion
1 – 10kVA Rack / Tower UPS

Virtualisation Ready Software Solutions
Compatible with both Hyper V and VMware

High Output Power Factor Rating
Excellent efficiency

Equipped with Precision AVR
Stabilises input voltage and extends battery life

Innovative Design
User friendly software and LCD screen

External Battery Packs Available
Longer runtime

Comprehensive 3 Year Warranty
2 years on battery

Extensive Communication Options Available
SNMP – USB – Dry Contact – RS232

System Block Diagram

1 / 2kVA   3kVA   10kVA   6kVA

Back View of CSCRT range

The latest offering from Upsonic is the cutting edge Cloud Series, purpose built for computer systems, servers, communications and highly sensitive instrumentation.

The Cloud Series represents Upsonic's commitment to staying at the forefront of the industry in terms of service and technology. The range is equipped with software that enables shutdown of both virtual servers and the hardware running those servers; this ensures data is neither lost nor corrupted.

With Double Conversion On-line topology the utility power is completely regenerated to correct for power disturbances in the mains. The LCD screen clearly communicates all major system parameters and the system status including load level, battery capacity and faults.

By using a single-chip microprocessor control unit, the component count is substantially reduced; this provides greater reliability, functionality and a smaller size. The range has complete circuit protection built-in; such as input power factor correction and superior overload & short circuit capability. An input power factor of near unity meets today's industry standard for energy saving and low reflected harmonic pollution to the utility.

Typical UPS Autonomy - minutes			
Equipment	PC	High End PC	Small Server
CSCRT1000	≤ 66	≤ 25	≤ 20
CSCRT2000	≤ 95	≤ 36	≥ 30
CSCRT3000	≤ 171	≤ 63	≤ 58
CSCRT6000	Please contact Power Tech for a customised solution		
CSCRT10000			

These runtimes are indicative only and are subject to the unique specifications of your system. For an accurate run time please call Power Technology on 0800 76 93 76.

sales@powertech.co.nz

UPSONIC CLOUD RANGE – Rack / Tower UPS Specifications					
MODEL	CSCRT 1000	CSCRT 2000	CSCRT 3000	CSCRT 6000	CSCRT 10000
Capacity					
VA/W	1kVA/0.9kW	2kVA/1.8kW	3kVA/2.7kW	6kVA/5.4kW	10kVA/9kW
Voltage	220/230/240VAC				
Acceptable Input	176-276VAC				
Frequency	45-55Hz 50/60Hz ±5%				
Phase	Single				
Power Factor @ FL	>0.99				
Output					
Voltage	220/230/240VAC				
Voltage Regulation	± 1%				
Rated Power Factor	0.9				
Waveform	True Sine wave				
Frequency Stability	± 0.1Hz				
Voltage Distortion	<5% IEC62040-3 Reference nonlinear load				
	<2% Linear load				
Transfer Time	0 ms Normal Transfer among Line, Battery. 4ms Normal Transfer ~ Line, Bypass Mode. <10ms Exit HE mode for power Interruption			0 ms Normal Transfer ~ Line, Battery. Bypass Mode; 10ms Break-time Forced Transfer to bypass with Mains2 out of tolerance or without phase lock; <10ms-HE to battery transfer time.	
Crest Factor	3:1				
Efficiency AC-AC	88.24%	89.55%	92.47%	>92%	>93%
Efficiency Eco Mode	>95%	>95%	>95%	>96%	>97%
Efficiency DC-AC	83.13%	84.76%	88.47%	>89%	>90%
Runtime at 100% load (Standard)	5 min	35min	35min		
Runtime at 50% load (Long Run)	155 min	105min	105min		
DC Start	YES				
Battery (Std only)					
Type	12V 7Ah	12v 9Ah	12V 9Ah	12V 5Ah	12V 9Ah
Quantity	3	4	6	15	20
Voltage	36	48	72	180VDC	240VDC
Recharge Time (Std)	<3hours to 90%				
Charger Capacity (Std/LR)	1.5A / 6A	1.5A / 6A	1.5A / 6A	>1A	>1.7A
Display and Alarms					
LCD	YES				
Audible and Visual	Audible and Programmable On/Off				
RS232	YES				
Dry Contact	YES				
USB	YES				
SNMP	Optional				
Dimension W x H x D mm	438 x 86.5 x 435		438 x 86.5 x 605	438 x 129 x 698	438 x 215.5 x 704
Weight kg (Std/LR)	16.2 / 8.4	19.7 / 9.3	27.8 / 13	46	82.5
Outlets	8 x IEC	8 x IEC	8 x IEC 1 x 15A	4 x IEC 2 x 15A	8 x 15A
Software	Download Online				

Upsonic have a full range of systems from Line Interactive SME to Industrial units over 100kVA

Power Technology