

# NEW CLOUD BASED UPS RANGE



## Cloud Series True Online Double Conversion 1kVA – 3kVA Tower Modules

### 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

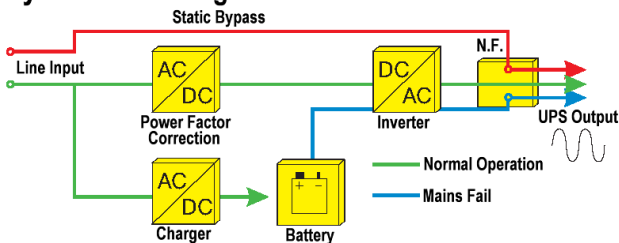
2 years on battery

### Extensive Communication options available

SNMP – USB – Dry Contact – RS232



### System Block Diagram



The latest offering from Upsonic is the cutting edge Cloud Series, which is 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, so that data is neither lost nor corrupted.

Double conversion on-line technology completely regenerates the utility power to correct for power disturbances in the mains. A user friendly display clearly

Cirrus Tower - Back view



communicates all major system parameters and the system status including load level, battery capacity and faults.

A single-chip microprocessor control is used to substantially reduce the component count, which provides greater reliability, functionality and smaller size. The range has complete circuit protection built-in; such as input power factor correction and superior overload & short circuit capability. Unity input power factor meets today's industry standard for energy saving and low reflected harmonic pollution to the utility.

## UPSONIC CLOUD RANGE – Rack / Tower UPS Specifications

| MODEL                      | CSCT 1000  | CSCT 2000  | CSCT 3000        | CSCT 6000  | CSCT 10000        |
|----------------------------|--|------------|------------------|--|-------------------|
| <b>Capacity</b>            |  |            |                  |  |                   |
| 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  |            |                  |  |                   |
| <b>Output</b>              |  |            |                  |  |                   |
| 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<br><2% Linear load   |            |                  |  |                   |
| Transfer Time              | 0 ms Normal Transfer among Line, Battery.<br>4ms Normal Transfer ~ Line, Bypass Mode.<br><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 (Std) | 5 min  | 35min      | 35min            |  |                   |
| Runtime at 50% load (Std)  | 155 min  | 105min     | 105min           |  |                   |
| DC Start                   | YES  |            |                  |  |                   |
| <b>Battery (Std only)</b>  |  |            |                  |  |                   |
| 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             |
| <b>Display and Alarms</b>  |  |            |                  |  |                   |
| LCD                        | YES  |            |                  |  |                   |
| Audible and Visual         | Audible and Programmable On/Off  |            |                  |  |                   |
| RS232                      | YES  |            |                  |  |                   |
| Dry Contact                | YES  |            |                  |  |                   |
| USB                        | YES  |            |                  |  |                   |
| SNMP                       | Optional   |            |                  |  |                   |
| Dimension WxHxD 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  |            |                  |  |                   |

Authorised Reseller:



Upsonic have a full range of systems from Line Interactive SME to the cutting edge True On-line Cloud Series

# Power Technology

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