

INDUSTRIAL R/T

True On-Line UPS - 1000VA to 3000VA

- **Double Conversion Technology**
Fully regenerated sine wave output independent of utility supply
- **Rack/Tower Convertible Design**
To suit any environment
- **Unity Input Power Factor**
Energy saving and low reflected harmonics
- **Australian 3 Pin Socket Outlet**
Compatibility with Australian standards
- **User Friendly Display**
For ease of use
- **Matching Battery Cabinet**
For extended run times
- **Customer Options Slot**
USB Card/SNMP/Relay Card
- **Comprehensive Warranty**
3 year warranty (2 years on battery)

The Industrial R/T series is the ideal power protection solution for servers, networks, storage, telecommunications and industrial equipment as well as medical and diagnostic equipment.

Rack/Tower convertible design offers flexibility enabling integration into a wide variety of environments.

Unity input power factor meets today's industry standard for energy saving and low reflected harmonic pollution to the utility.

Double conversion on-line technology completely regenerates the utility power to correct any power disturbances in the mains. The unit provides clean AC power 24 hours a day 365 days a year.

User friendly display clearly communicates all major system parameters and system status including load level, battery remaining and fault.

Matching battery cabinets are available to easily extend the UPS runtime to several hours. The battery cabinets are available with their own independent chargers to provide safe and fast recharging.

The communication software allows control of the UPS and graceful shutdown when utility fails.

Options Slot allows further flexibility in network configuration. WEB/SNMP card, USB card and True Relay card which can provide isolated contacts for industrial and remote alarm panel application, are also available.

**Exceptional
Design . . .**



**POWER FOR THE
NON-STOP WORLD**

www.upsonic.com.au
Phone 1800 634 307



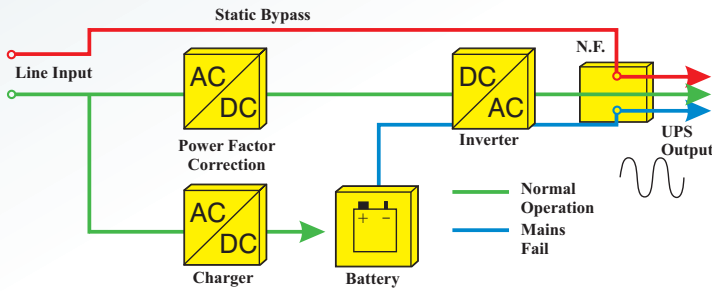
Specifications

| Model | INDUSTRIAL R/T | IRT 1000 | IRT 2000 | IRT 3000* |
|----------|-------------------------|---|-----------------|-----------------|
| CAPACITY | VA/W | 1000VA/700W | 2000VA/1400W | 3000VA/2100W |
| INPUT | Voltage | 160 ~ 280 VAC | | |
| | Frequency | 50 / 60Hz ± 5% (Auto Sensing) | | |
| | Phase | Single | | |
| | Power Factor | >0.98 (Full Load) | | |
| OUTPUT | Voltage | 220 / 230 / 240VAC | | |
| | Voltage Regulation | ± 2% | | |
| | Rated Power Factor | 0.7 Lagging | | |
| | Wave Form | Sine Wave, THD <3% (no load to full load) | | |
| | Frequency Stability | ± 5 Hz (Free Running) | | |
| | Transfer Time | 0 ms | | |
| | Crest Factor | 3:1 | | |
| | Efficiency (AC to AC) | >88% | | |
| | Run Time at Full Load** | 7min. | 10 min. | 8 min. |
| | DC Start | Yes | | |
| BATTERY | Battery Type | Sealed Lead Acid Maintenance Free 12V / 7AH | | |
| | Quantity** | 3 pcs | 6 pcs | 8 pcs |
| | Voltage | 36 Vdc | 72 Vdc | 96 Vdc |
| | Recharge Time | 8 Hours to 90% | | |
| | Supplementary Charger | Optional 200W / 500W isolated chargers | | |
| DISPLAY | LED | Utility, Battery Low, Inverter, Bypass, Self Test, Overload, Fault Load Battery Level and Fault conditions | | |
| | Self Diagnostics | Upon Power - On and Push Button | | |
| ALARMS | Audible and Visual | Line Failure, Battery Low, Transfer to Bypass, System Fault Conditions | | |
| | | | | |
| PHYSICAL | Dimension (WxDxH) (mm) | 440 x 385 x 88 | 440 x 482 x 132 | 440 x 482 x 176 |
| | Backup Outlets 230 VAC | 3IEC/1AUS | 3IEC/2AUS | Hardwire/ 2AUS |
| WEIGHT | Nett Weight | 16kgs | 29kgs | 39kgs |
| MARKS | | CE, cUL, UL | | |

** External battery packs available for longer run times

* Requires 15 Amp Socket

System Block Diagram



Reverse IRT 1000



Reverse IRT 2000



Reverse IRT 3000

Upsonic Power Pty Ltd

ABN 51 070 890 390
National Sales 1800 634 307
National Fax 1800 634 308

Melbourne
9 Nicole Way
Dandenong South, Vic 3175

Telephone: (03) 9706 0045
Facsimile: (03) 9706 8003

www.upsonic.com.au
Phone 1800 634 307



**POWER FOR THE
NON-STOP WORLD**