

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** (2U IEC Only)
Compatibility with Australian standards
- **User Friendly LCD Display**
For ease of use (LED 1 KVA)
- **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. Available in 2U, 3U or 4U configurations

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 LCD display clearly communicates all major system parameters and system status including load level, battery remaining and fault. (1 KVA LED)

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**

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UPSONIC POWER

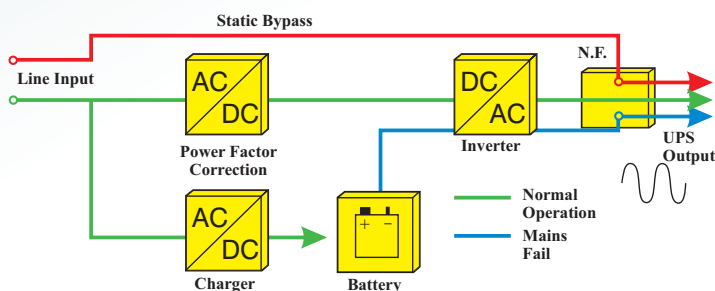
Specifications

Model	INDUSTRIAL R/T	IRT 1000	IRT 2000	IRT 3000*
CAPACITY	VA/W	1000VA/700W	2000VA/1400W	3000VA/2100W
INPUT	Voltage	160 ~ 288 VAC		
	Frequency	50 / 60Hz ± 5% (Auto Sensing)		
	Phase	Single		
	Power Factor	>0.99 (Full Load)		
OUTPUT	Voltage	230 VAC		
	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 12V/7AH	6 pcs 12V/9AH	
	Voltage	36 Vdc	72 Vdc	
	Recharge Time	8 Hours to 90%		
	Supplementary Charger	Optional 200W / 500W isolated chargers		
DISPLAY		LED 1 KVA	LCD 2 KVA & 3 KVA	
		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 (2U)	Dimension (WxDxH) (mm)	440 x 385 x 88 (2U)	440 x 650 x 88 (2U)	
	Backup Outlets 230 VAC	3 IEC / 1 AUS	6 IEC	
WEIGHT	Nett Weight	16kgs	27.9kgs	29.7kgs
PHYSICAL (4U)	Dimension (WxDxH) (mm)		440 x 520 x 176 (4U)	
	Backup Outlets 230 VAC		4 AUS	
WEIGHT	Nett Weight (kg)	w/o transformer w/batteries	32.0 kgs	33.0 kgs
MARKS		CE, cUL, UL, FCC		

** External battery packs available for longer run times

* Requires 15 Amp Socket

System Block Diagram



Reverse IRT 1000



Reverse IRT 2000 (6 IEC)



Reverse IRT 2000(4 AUS)

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