

# VIS-RT UPS



Rack/Tower  
Sinewave  
Line Interactive



## Microprocessor based line interactive design

The VIS-RT UPS is designed with microprocessor controller for fast response to power disturbances

## Pure sine wave output

With pure sine wave output the VIS-RT series guarantees compatibility for all kinds of loads. It provides perfect power protection for versatile applications such as networking, telecom and other mission critical applications.

## Rack / Tower design

The VIS-RT series is designed in true 2U universal-mount case. It can easily be installed as floor standing or in 19-inch rackmount frame.



## Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure this feature enables users to extend battery time to mission critical devices by timely shutting down the non-critical devices.

## ECO operation for energy saving (Efficiency Corrective Optimizer)

The ECO function allows cost-effective operation of UPS Systems as high as 98%. In this operation mode, load is supplied by the mains. When battery is fully charged, the fan will stop running for energy saving. In the event of a mains failure the inverter will take over the system and constantly provide power to the connected load.

## Emergency Power Off Function (EPO)

This feature can secure personnel and equipment in case of fires or other emergencies.

## Built-in boost and buck AVR

With built-in voltage regulator, the UPS will maintain regulated nominal output without using battery power during brownouts and overvoltages.

## Output power factor 0.9

The VIS-RT is a high density UPS with output power factor 0.9 to provide higher performance and efficiency to critical applications.

## Hot-swappable battery design

This design ensures clean and uninterruptible power to protected equipment during battery replacement.

# SPECIFICATIONS

MODEL	VIS800RT	VIS1100RT	VIS2000RT	VIS3000RT	VIS5000RT
CAPACITY (VA/ WATTS)	800/720	1100/990	2000/1800	3000/2700	5000/4500
<b>INPUT</b>					
Nominal	230VAC 50Hz				
Voltage Range (VAC)	162 - 290				
Frequency Range	50/60Hz Auto Sensing				
<b>OUTPUT</b>					
Output Voltage	208/220/230/240 VAC				
Voltage Regulation (Battery Mode)	±1.50% (before low battery)				
Frequency (Battery Mode)	50/60Hz ±1Hz				
Current Crest Ratio	3:1				
Harmonic Distortion	2% max @100% Linear Load, 5% max @ 100% non-linear load. Before low Battery				
Transfer Time	10ms Maximum, typically 2-6ms				
Waveform	Sine Wave				
<b>EFFICIENCY</b>					
ECO Mode	97%				
Buck & Boost Mode	95%				
Battery Mode	Up to 90%		Up to 91%		Up to 92%
<b>BATTERY</b>					
Capacity (Qty)	12V 7Ah (x2)	12V 9Ah (x2)	12V 9Ah (x4)	12V 9Ah (x6)	12V 10Ah (x6)
Charging Current (Max)	1.5A				
Charging Voltage	27.4 Vdc ±1%		82.1 Vdc ±1%		
Typical Recharge	6 hours to 90%				
<b>PROTECTION</b>					
Full Protection	Overload, discharge and overcharge protection				
<b>INDICATORS</b>					
LCD	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Battery Voltage, Overload, Fault, Low Battery				
Alarm	Audible Alarm on UPS events.				
<b>COMMUNICATIONS</b>					
Interface	USB				
Type	Serial				
Software	ViewPower				
<b>PHYSICAL</b>					
Environment	0-40°C. 0-90% Rel Humidity Non condensing				
Noise	<45dB				
Altitude	3000m Max. Derate 10% above 1000m				
Dimensions (WxDxH mm)	438x410x88		438x510x88		438x630x88
Weight (kg)	12.9	13.4	21.5	29.3	40
<b>STANDARDS</b>					
CE	EN62040				

**Power Inspired Ltd.** Unit 122 Churchill Road, Bicester, Oxfordshire, OX26 4XD, UK.  
T: +44 1869 814055; W: [www.powerinspired.com](http://www.powerinspired.com); E: [info@powerinspired.com](mailto:info@powerinspired.com)

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