

Socomec Netys PR RT

Ideal solution for protecting small servers, networking devices and peripherals. Assures service continuity to critical applications.

Designed for professional applications: the sinewave inverter technology assures full compatibility with any kind of load and power supply.

Tailored to IT networking – The space and time-saving tower/ rack conversion option means it can be installed easily either in tower mode or inside standard 19" rack cabinets depending on the user's needs.

Product Highlights

- * No configuration needed on first startup.
- * Compact footprint (2U/89 mm) for installation in rack cabinets.
- * Attractive design for visible installation in offices.
- * USB port and HID protocol as standard for direct interfacing with Windows systems®, without the need for additional specialist software.
- * Protection for your data line
- * Integrated NTP protection for LAN/ADSL connection against the risk of data line over voltage.
- * Meets practical needs
- * Optional battery extension modules (EBM) to meet all back-up time requirements, even after installation.
- * Clear and uncluttered LCD interface, with buzzers that immediately indicate the operating status of the UPS, even for less specialist users.
- * Simplified maintenance and Battery 'hot swap', without closing down other applications.



Delta UPS – Amplon Family

M Series, Single Phase 1 / 1.5 / 2 / 3 kVA

Reliable Power Protection For Small And Medium Businesses

The Amplon M series is a line-interactive UPS providing sine-wave quality ideally suited for devices in small and medium businesses. Automatic voltage regulator (AVR) delivers stable voltage while providing higher availability. It is available in either rack or tower configuration to fit multiple applications such as servers, networking, VoIP and telecommunications. The Amplon M features excellent normal mode efficiency and high output power factor, resulting in a greater power supply for critical loads at significantly less operating cost.

Key Features

- Hot swappable battery pack for easy maintenance.
- Automatic voltage regulator (AVR) delivers stable output voltage.
- Wide input voltage range reduces battery discharge occurrence and extends battery life.
- Battery starts when utility power is not present.
- Self test for battery replacement warning.

Optional Features

- Rack or tower configuration in 2U size cabinet.
- Optional external battery pack (applicable for 3kVA model) for extendable backup time.
- Communication slot for various smart cards to support various applications.
- Intelligent management software connectivity via RS232 or USB port.



Key Benefits

- High output power factor 0.9 provides more real power to critical loads.
- High efficiency online mode can reach at minimum 97% and 96% for 1/1.5kVA and 2/3kVA respectively supporting operating cost savings.
- Automatic fan-speed control function lowers noise and prolongs fan life under different operation modes with lower speed.

Technical Specifications		M-1K	M-1.5K	M-2K	M-3K	
Model		M-1K	M-1.5K	M-2K	M-3K	
Power Rating		1 kVA / 0.9 kW	1.5 kVA / 1.35 kW	2 kVA / 1.8 kW	3 kVA / 2.7 kW	
Input	Nominal Voltage	220 / 230 / 240 Vac (Single Phase)				
	Voltage Range	-18% ~ +21%				
		220 Vac: 180-266 Vac				
		230 Vac: 188-278 Vac				
		240 Vac: 196-290 Vac				
	Frequency	50/60 Hz (± 5Hz) Auto selectable				
	Electrical Connection	IEC320 C14 x 1 {10AMP}		IEC320 C20 x 1 { 15AMP}		
Output	Voltage	220 / 230 / 240 Vac (Single Phase)				
	Voltage Regulation	± 10%				
	Power Factor	0.9				
	Frequency	50/60 Hz (± 0.1Hz)				
	Overload Capability		111%~125%: Shutdown after 20 seconds			
			126% ~ 150%: Shutdown after 10 seconds			
		>150%: Shutdown immediately				
	Receptacle	IEC320 C13 x 2 x 4		IEC320 C13 x 2 x 4 IEC320 C19 x 1		
Environment	Relative Humidity Temperature	0 ~ 95% (non-condensing) 0 ~ 40°C				
	Audible Noise (at one meter)	< 45 dBA		< 60 dBA		
Physical	Display	LEDs				
	Dimensions (W* D* H)	440 x 429.4 x 88.5 mm		440 x 608 x 88.5 mm		
	Weight	18.5 kg	19.2 kg	33 kg	34.7 kg	

Socomec Netys RT2

Online double conversion technology with sinusoidal waveform, to completely filter out all disturbances from/to the mains power supply and to ensure maximum protection of the utility.

- * Optional battery extension modules (BEM) to meet all back-up time requirements, even after installation.
- * Modular battery extension (BEM) to meet all back-up time requirements, even after installation.
- * Possibility of 1+1 parallel redundant configuration to maximise the availability of critical utilities, even in the event of a module breakdown.



The wide tolerance of the input voltage limits the number of switchovers to battery mode, thus significantly prolonging the battery life. The automatic bypass takes over immediately in the event of overloads or faults, ensuring continuous power supply to the loads.

Configuration – Tower or Rack Mounted

Available as – 1,100va to 11,000va

Product Highlights

- * Applications – PSwitching, Storage, Servers and networking devices, VoIP communication systems, Structured cabling systems, Control systems, Video surveillance systems.
- * Online Double Conversion VFI with input PFC and automatic bypass Designed with 6 x 10A + 1 x 16A output sockets
- * RS232 & USB communication ports (free software via Internet), COMM Slot, EPO (Emergency Power Off) input (RJ11), Modem ADSL surge protection, Battery Extension connector, Slot for optional Communication board
- * Data line protection NTP data line suppressor: RJ45 10 Base T, SB port and HID protocol for direct interfacing with Windows systems, without the need for additional specialist software.
- * Internal batteries connected and fully charged.
- * No special plant preparation required as they have built in magneto-thermal protection.
- * Battery health can be checked either via the control panel or using a remote PC.

Delta UPS – Amplon Family

RT Series, Single Phase 1/2/3 kVA



Reliable power with greater energy-saving features

The Amplon RT 1-3kVA series is an online double-conversion UPS providing consistent sine-wave power to your critical equipment. It supports personal computers, networks, servers, VoIP and telecommunications. The Amplon RT 1-3kVA series features an output power factor of 0.9 and best-in-class AC-AC efficiency up to 94% resulting in greater energy savings. Optional external battery pack can be connected for longer backup time to keep your applications safe and running smoothly at all times.

Availability

- True online double-conversion topology and zero transfer time to battery ensure high reliability.
- Watch-dog design of DSP (Digital Signal Processor) increases reliability.
- Cold-start capability provides temporary battery power when the utility power is out.
- Fan failure detection alerts users to failed fans.
- Hot swappable batteries ensure continuous operation even when batteries are being replaced.
- Optional external battery pack for easy scaling of longer backup time.



Green & Low TCO

- High output power factor 0.9 provides more real power to critical loads.
- High input power factor (pf > 0.99) and low harmonic distortion (iTHD < 5%) save upstream investment.
- Up to 94% AC-AC efficiency and 97% efficiency in ECO mode result in marked energy cost savings.
- Wide input voltage range reduces the chance of using the battery and extends battery life.
- Intelligent battery management sustains battery life and performance.
- Fan speed control by load level maximizes efficiency and reduces audible noise.

Flexibility

- Load segment control allows less-critical loads to be disconnected during blackouts and saves battery runtime for important loads.
- Convertible rack and tower configuration in 2U size cabinet.
- Excellent local communications through rotatable LCD display.
- Intelligent management software connectivity via RS232 or USB port.

Technical Specifications		RT-1k	RT-2k	RT-3k
Power Rating		1kVA/ 0.9KW	2kVA/ 1.8KW	3kVA/ 2.7KW
Output	Power Factor	0.9		
	Voltage	200*, 208*, 220, 230, 240 Vac		
	Voltage Regulation	± 2% (linear load)		
	Frequency	50/60 Hz ± 0.05 Hz		
	Current Harmonic Distortion	< 3% (linear load)		
	Overload Capability	< 105%: Continuous; 105% ~ 125%: 1 minute; 125% ~ 150%: 15 seconds		
	Crest Factor	3:1		
Receptacle		IEC C13x3x2	IEC C13x3x2, IEC C19x1	IEC C13x3x2, IEC C19x1
Dimensions (Wx Dx H)	UPS	440 x 335 x 89 mm	440 x 432 x 89 mm	440 x 610 x 89 mm
	External Battery Pack	440 x 335 x 89 mm	440 x 432 x 89 mm	440 x 610 x 89 mm
Weight	UPS	12 Kg	18 Kg	28 Kg
	External Battery Pack	15 Kg	27 Kg	44 Kg

Emerson GXT4 5kVA – 10kVA Rack/Tower UPS

Liebert GXT4 UPS meets the need for higher power capacities in small spaces.

High performance UPS system for mission-critical applications

Recommended to protect mission-critical equipment, Liebert GXT4 is a true on-line UPS that delivers continuous, high-quality AC power with no break when transferring to battery. It protects equipment from all power disturbances due to blackouts, brownouts, sags, surges or noise interference.



Liebert® GXT4™ is a true on-line UPS that delivers continuous, high-quality AC power to IT equipment with no break when transferring to battery. It protects equipment from virtually all power disturbances due to blackouts, brownouts, sags, surges or noise interference.

For robust protection from 500-10,000VA, these Liebert GXT4 UPS models provide industry leading features in a compact design.

Product Highlights

- * On-Line design means zero transfer time. When utility power fails, your critical load remains supported by a seamless flow of power.
- * Highest level of protection available in this UPS capacity range.
- * Eco mode option allows improved energy efficiency.
- * Easy serviceability with replaceable, hot swappable batteries.
- * Control power to multiple devices via two independently programmable pair of outlets (500-3000VA models only.)
- * Rack mount kit & batteries included as standard in all models
- * Web / SNMP communications card included as standard in 5-10kVA models
- * Energy Star qualified model
- * Intelligent-ready networking
- * Power factor correction
- * Frequency conversion
- * Internal automatic bypass to protect against adverse conditions
- * Manual bypass capability
- * Support for up to six external battery cabinets for extended run-time

Eaton 9PX

The Eaton 9PX UPS provides energy-efficient power protection for small & medium Datacentres, IT rooms and Infrastructure. Delivering double conversion protection with 40% less energy usage and 28% more power 9PX is the perfect UPS for IT and Facility managers that are concerned by energy cost and are looking for next generation power protection solutions.

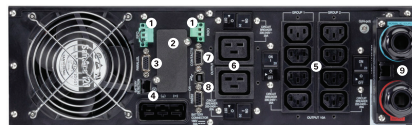


Product Highlights

- * Enables you to customize UPS settings, view load and power consumption information through the graphical interactive LCD screen interface
- * Energy efficient (up to 95% in Online mode, 98% in high-efficiency mode)
- * Next-generation graphical LCD display (7 languages)
- * Provides more real power (watts) to protect more equipment with a 0.9 power factor
- * Parallel operation using HotSync technology
- * Maintenance ByPass available as an option
- * Energy metering – kWh values can be monitored using the LCD or Eaton’s Intelligent Power Software Suite
- * Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)



Eaton 9PX
8-11kVA UPS



Eaton 9PX
6kVA UPS

- 1 Remote Off/On and Remote Power Off connectors
- 2 Slot for Network-MS, ModBus-MS or Relay-MS cards
- 3 Parallel operation port (DB15)
- 4 External battery module (EBM) connector with automatic detection (RJ11)
- 5 8 IEC 10A sockets (2 groups of 4 manageable sockets) with cable retention system
- 6 2 IEC 16A sockets with cable retention system
- 7 DB 9 with output contacts
- 8 USB and serial ports
- 9 Input/Output connection

Technical Specificatio	6kVA	8kVA	11kVA
Rating (kVA/kW)	6kVA/5.4kW	8kVA/7.2kW	11kVA/10kW
Connections			
Input	Terminal block (up to 10 mm ²)	Terminal block (up to 16mm ²)	
Outputs	Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A)	Terminal block	
Outputs with optional HotSwap Maintenance Bypass	Terminal block + 3 IEC C13 (10A) + 2 IEC C19 (16A)	Terminal block + 4 IEC C19 (16A)	