

Mars RT Pro Convertible Series On-line UPS

Rittal can now offer a cost efficient serie of single-phase UPS systems ranging from 750VA to 10kVA that includes both rack and tower units, line-interactive and on-line. Expandable battery-systems.

The Mars Convertible Pro series, equipped with field- proven Digital Signal Processor is the ideal UPS system for Servers, Networks, Storage, Telecommunications and Industrial Equipment.



- Rack/Tower Design
- Advanced Digital Control Technology
- Wide Input Voltage and Frequency Windows
- Programmable Receptacles
- Unity Input Power Factor
- Double Conversion Online Technology
- Customer Options Slot
- Optional Manual Bypass
- Hot Swappable Battery
- Emergency Shutdown Control through EPO
- Matching Battery Cabinet
- Extended Runtime Capability
- Super Compact Convertible Design
- Powerful Built-in Charger

About Rittal UPS's.

The Rittal UPS's is ideally suited to all applications in the IT environment, as well as for all other requirements such as medical technology, automation technology, plant control etc.

A scalable autonomy of up to 2 h at 100 % load ensures a broad spectrum of applications.

Batteries "hot swap" compatible, may be exchanged from the front. 10-year batteries available at request. Rittal also offer bigger UPS systems, range from 10 kVA to 2,7 MVA.

On-line UPS

Technical specification

Model	XSEMP 1000	XSEMP 2000	XSEMP 3000	
INPUT				
Voltage (Vac)	60/70/80~144 or 120/140/160~288 *			
Frequency (Hz)	50/60 +/- 5Hz (Auto Sensing)			
Phase	Single phase with ground			
Input Power Factor	>0.99 (Full Load)			
OUTPUT				
Voltage (Vac)	100/110/115/120/127 or 200/208/220/230/240			
Voltage Regulation	< ±1% until low battery warning			
Capacity (VA/W)	1000/700	2000/1400	3000/2100	
Power Factor	0.7/0.8 Lagging**			
Wave Form	Sine Wave, THD<3% (no load to full load)			
Frequency Stability	±0.1% unless synchronized to line			
Frequency Regulation	3Hz or 1Hz (Setting by software)			
Transfer Time	0 m sec			
Crest Factor	3:1			
Efficiency (AC to AC)	>85%	>85%	>88%	
Autonomy (Built-in Battery)	>7min	>7min	>5min	
DC Start	Yes			
BATTERY				
Type	Sealed Lead Acid Maintenance Free			
Capacity	7Ah	7Ah	9Ah	
Quantity (pcs)	3	6		
Voltage (Vdc)	36	72		
Recharge Time	3 hours to 90%			
Built-in Charger (max. Charging Current)	1.8A	2.1A	2.7A	
ALARMS				
Audible and Visual	Line Failure, Battery Low, Overload, System Fault Conditions			
PHYSICAL				
Dimensions (WxHxD) mm / inch	440x88x405 / 17.3"x3.5"x16"	440x88x650 / 17.3"x7"x25.6"		
Input Connection	115V System	NEM 5-15P	NEMA 5-20P	NEMAL 5-30P
	230V System	IEC 320-C14	IEC 320-C14	IEC 320-C20
Outlets (NEMA 5-15R) 120V	6 x 5-15R	2x5-15R+2x5-20R	4x5-15R+1xL5-30R	
Outlets (IEC) 230V	6pcs IEC320-C13			4x IEC320-C13 & 1x IEC320-C19
Net Weight(Kgs / lbs)	15.1 / 33.3	27.9 / 61.5	29.7 / 65.4	
ENVIRONMENT				
Operating Temperature	0 °C~40 °C / 32 °F~104 °F			
Temperature Warning	The battery design life is based on a temperature of 25°C / 77°F Ambient temperature above this range will reduce battery life.			
Altitude	0~2000m / 6600ft up to 40°C / 104°F, 3000m / 9900ft up to 35°C / 95°F			
Humidity	90% RH Maximum, Non-Condensing			
Noise	<50dB(at 1 meter / 3.3 ft)			
COMPUTER INTERFACE				
Interface Type	Standard RS232 and USB Interfaces			
Communication Slots	Relay Contact Board, SNMP/WEB card, etc.			
Compatible Platforms	Windows 95/98/NT/2000/XP/Vista, Novell NetWare, Linux, etc.			

Vill du veta mer?

Ring våra innesäljare eller besök www.rittal.se.

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