

Rittal – The System.

Faster – better – worldwide.

► UPS PMC 12



The Rittal PMC 12 micro series UPS is a true on-line double conversion, VFI (Voltage & Frequency Independent), cost effective high-performance UPS. Designed to suit a wide range of applications such as S.O.H.O, IT Networks, Telecom, Automation & Control and many other mission-critical applications.

Rittal's complete range of PMC 12 UPS's are microprocessor controlled - equipped with standard communications interfacing and a Intellislot for easy installation of (optional) SNMP Web Card or Relay Card to provide extended power monitoring and management.

Having scalable autonomy, wide input voltage window and battery cold start functionality - these advance features of the PMC 12 Series ensures the best performance at all times.

RACKS

POWER

COOLING

MONITORING

SECURITY

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Uninterruptible Power Supply 1000 / 2000 / 3000 / 6000 / 10000 VA Rack / Tower

Features:

- On-line double conversion technology, delivery the ultimate solution in Power Quality
- Intellislot (configured to accommodate optional SNMP Card or Relay Card)
- Wide input voltage window to minimize battery operation
- Fully digital microprocessor controlled
- Free monitoring software
- Rotatable large LCD display
- Lightning and surge protection
- Suitable for use with generators
- Multiple user interface: USB, SNMP, AS400 (RS232 Optional)
- Plug & Play 1, 2 and 3kVA (6 & 10kVA hard wired to terminal block)
- Battery start (cold start)

- Automatic static by-pass switch
- 6 & 10kVA can be paralleled (optional Parallel Kit 7857421A)
- Rack mountable or stand alone
- Internal Batteries 1, 2 and 3kVA (6 & 10kVA with external battery pack)

Applications:

- S.O.H.O (Small Office Home Office)
- IT Networks - Servers, Hubs, Switches and Routers
- Automation & Control
- Security industry equipment
- Point of Sale - Cash registers, EFTPOS, modems and ISDN adapters

Model	7857430A	7857431A	7857432A	7857433A	7857434A
Performance					
Power Rating (VA/W)	1000/800	2000/1600	3000/2400	6000/5400	10000/9000
Technology	On-line double conversion with static by-pass				
Input Voltage (AC)	120~290			176~280	
Input Frequency	50Hz ± 5%				
Input Power Factor	0.99				
Output Voltage	240 Vac ± 3%				
Output Power Factor (Pf)	0.8			0.9	
Output Frequency	50Hz ± 0.5Hz				
Efficiency	> 88%			> 90%	
Battery					
Backup Time at Full Load	7 min (Internal)		5 min (Internal)	5 min (Battery Pack)	
Backup Time at 1/2 Load	14 min (Internal)		12 min (Internal)	12 min (Battery Pack)	10 min (Battery Pack)
Battery Packs	7857435A	7857436A	7857437A	7857442A	7857443A
Battery Test	Programmable automatic test (via free software supplied)				
Battery Notes	1, 2 & 3kVA supplier standard with internal batteries. 6 & 10kVA supplied with no internal batteries. Backup times shown above for 6 & 10kVA = 1 x UPS module + 1 x External Battery Pack				
Input / Output Connection					
Input	IEC 320 C14 (10 A)		IEC 320 C20 (15 A)	Terminal Strip	
Output (Tower)	IEC 320 C13 (10 A)			Terminal Strip	
Power Management					
Standard Port	Standard RS232 & USB interfaces				
Intellislot	1 slot for optional SNMP / web card (7857420A) or relay card (7857410A)				
Remote Power Off	Yes with OS shut down software (standard)				
Dimensions					
W x H x D mm	440 x 88 (2U) x 405	440 x 88 (2U) x 650		440 x 88 (2U) x 680	440 x 132 (3U) x 680
Environmental					
Operating Temperature	0°C ~+ 40°C, recommended +20°C ~+ 25°C				
Humidity	0% ~ 90%				
Storage Temperature	0°C ~+ 40°C				
Altitude	0---2000m (nominal), 2000---3000m (de-rating)				
Acoustic Noise (1m from Front Panel)	≤45dB			≤50dB	
Conformance					
Approval	CE, UL, C-Tick				
Safety	EN62040-1, IEC62040-1, UL1778				
EMC	EN50091-2 Class B, IEC/EN62040-2 Class A, FCC Class A				

* Specifications subject to change without prior notice.

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