

Odin 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 Odin Convertible series on-line double conversion UPS with minimized depth is an ideal solution for tele-com application environment. An advanced Digital On-line double conversion UPS. The Odin includes industry leading green input power factor, input harmonics and superior output power factor is perfect for mission critical applications.



- Rack/Tower Convertible Design
- Advanced Digital Control Technology
- Double Conversion Online Technology
- Unity Input Power Factor
- Superior Output Power Factor Performance
- Simple Parallel Installation for 6/10Kva
- Emergency Shutdown Control through EPO
- Hot 5wappable Battery
- Matching Battery Cabinet
- Extended Runtime Capability
- Powerful Built-in Charger
- Wide Input Voltage and Frequency Windows
- Programmable Receptacles
- Customer Options Slot
- Optional External Bypass Switch

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	XSEODIN1000	XSEODIN2000	XSEODIN3000
INPUT			
Voltage(Vac)	120/140/160~288*		
Frequency(Hz)	50/60 +/-5Hz(Auto Sensing)		
Phase	Single phase with ground		
Input Power Factor	>0.99(Full Load)		
Current THD(100% linear Load)	<6%		
OUTPUT			
Voltage(Vac)	200/208/220/230/240 selectable		
Voltage Regulation	<+/-1% until low battery warning		
Capacity	1000/800	2000/1600	3000/2400
Rated Power Factor	0.8 lagging		
Waveform	Sine Wave, THD <3%(no load to full load)		
Frequency Stability	+/-0.1% unless synchronized to line		
Frequency Regulation	+/-1Hz or +/-3Hz		
Transfer Time	0ms		
Crest Factor	3:1		
Efficiency(AC to AC, Normal)	>88%		>90%
Autonomy	>5min.		>4min.
Efficiency(AC to AC, ECO)	N/A		
DC Start	Yes		
BATTERY			
Type	Sealed Lead Acid Maintenance Free		
Capacity	12V/7AH		12V/9AH
Quantity	3	6	
Voltage	36	72	
Recharge Time	4 hours to 90%		
Built-in Charger(max.Charging current)	1.8A	2.1A	2.7A
PHYSICAL			
Dimension WxHxDmm	440x88x405	440x176x420	
Input Connection	IEC320-C14		IEC320-C20
Outlets	6 x IEC320-C13		4 x IEC320-C13 & 1 x IEC320-C19
Net Weight(kgs/lbs)	15.1	26	26.8
ENVIRONMENT			
Operating Temperature	0°C~40°C		
Temperature Warning	The battery design life is based on a temperature of 25°C Ambient temperature above this range will reduce battery life.		
Altitude	0~2000m up to 40°C, 3000m up to 35°C		
Humidity	90% RH Maximum, Non-Condensing		
Noise	<50dB(at 1 meter)		
COMPUTER INTERFACE			
Interface Type	Standard RS232 and USB Interface		
Communication Slots	2nd RS232, USB, Relay Contact, SNMP/WEB Card, etc.		
Compatible Platforms	Window 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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