



AdPS

Advanced Power Systems

Mini-J RT C

(4500 VA - 6000 VA)




Features

- online double conversion UPS, class 1 by EMC-standard EN50091-3, VFI
- Rack/Tower convertible design
- Simple parallel installation, optional
- Full-time digital signal processor control
- Programmable frequency converter
- LCD/LED Mimic Panel
- Smart ECO Mode
- Simple and easy to use
- Power range and runtime scalability
- Optional galvanic isolation transformer
- Hot swappable battery
- Power Management software incl.
- CE, cUL, UL

Applications

- Computer-Netzwerke
- Prozess- u. medizinische Überwachungssysteme
- kritische Anwendungen




...principle safety

Mini-J RT-C

Model	4500 VA	6000 VA
Input		
Voltage Window	160~280Vac*	
Frequency	45 ~ 65 Hz	
Phase/Wire	Single, Line + Neutral + Ground	
Power Factor	>40%(100%)Linear Load >0.95(>0.99)	
Output		
Voltage Window	220/230/240Vac Selectable(208/120Vac optional)	
Voltage Adjustment	±0%; ±1%; ±2%; ±3%	
Voltage Regulation	±2%	
Capacity VA/W	4500/4050	6000/4200
Rated Power Factor	0.7 Lagging	
Wave Form	Sine Wave, THD<3%(no load to full load)	
Frequency Stability	±0.5%(Free Running)	
Frequency Regulation	±1%; ±3%	
Transfer Time	0ms	
Crest Factor	3:1	
Efficiency(AC to AC, Normal)	Up to 89%/Vi=220Vac	
Efficiency(AC to AC, ECO)	Up to 97%	
Autonomy	> 8 min.	> 5 min.
DC Start	Yes	
Battery		
Type	Sealed Lead Acid Maintenance Free 12V/5AH	
Quantity	20pcs	
Voltage	240Vdc	
Recharge Time	4 hours to 90%	
Display		
Status On LED + LCD	Line Mode, Backup Mode, ECO Mode, Bypass Supply, Battery Low, Battery Bad/Disconnect, Overload, Transferring with interruption & UPS Fault.	
Readings on LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage & Inner Temperature.	
Self-Diagnostics	Upon Power-on, Front Panel Setting & Software Control, 24-hour routine checking	
Alarms		
Audible and Visual	Line Failure, Battery Low, Transfer to Bypass, System Fault Conditions	
Physical		
Dimensions(WxDxH)mm	176x680x440	
Input/Output Connection	Hardwire	
External Battery Connection	Plug-in & Play	
Net Weight(Kgs)	55	
Heat Dissipation	< 450W without Isolated Transformer at full Linear Load < 615W with Isolated Transformer at Full Linear Load	
Leakage Current	< 3mA at Full Load	
Marks	CE, cUL, UL	

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AdPoS Advanced Power Systems GmbH & Co. KG

Pfaffensee 2 · D-91301 Forchheim

Tel. +49 (0) 91 91 / 70 05 - 0 · Fax +49 (0) 91 91 / 70 05 - 20

info@adpos-ups.de · www.adpos-ups.de

