ایمن فراز شرکت خدمات مهندسی الکترونیک قدرت
ارائه دهنده ups ، استابلایزر و باتری

Double Conversion Online RM Series
Power Range 1 KVA ~ 10 KVA
1 Phase /1 phase

Features

- Rack/Tower Design
- High frequency and true double-conversion
- DSP (Digital Signal Processors) technology
- Input power factor correction (PFC)
- Wide input voltage range (110V~300V)
- Output power factor 0.9
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Selectable battery low voltage via LCD
- Output bypass settable via LCD
- Automatically diagnose when starts
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatic charging in OFF mode
- Auto control fan speed when loads varies
- Standard RS232 communication port and RJ45 protection
- Optional USB / SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional N+X redundancy parallel
- 50/60 Hz frequency conversion mode available on 6 -10 KVA.

نشانی: تهران ، خیابان پاسداران،خیابان بهارستان یکم،پلاک ۷ واحد۸
تلفن:۸-۲۲۷۷۲۶۰۶

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Specifications

MODEL	901IIRTS	901IIRTH	902IIRTS	902IIRTH	903IIRTS	903IIRTH	906IIRTS	906IIRTH	9010IIRTS	9010IIRTH
Capacity	1 KVA / 900 W		2 KVA / 1800 W		3 KVA / 2700 W		6 KVA / 5400 W		10 KVA / 9000 W	
INPUT										
Rated voltage	208 V / 220 V / 230 V / 240 VAC									
Voltage range	110 ~ 176 VAC (linear derating between 50% and 100% load); 176 ~ 280 VAC (no derating); 280 ~ 300 VAC (derating 50%)									
Frequency	40 ~ 70 Hz (Auto-Sense)									
Power factor	≥ 0.99									
Bypass voltage range	-25% ~ +15% (settable)									
OUTPUT										
Voltage	208V / 220V / 230V / 240 VAC (settable via LCD)									
Voltage regulation	±1%									
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range); 50 / 60 Hz ±0.1 Hz (battery mode)									
Waveform	Pure Sine Wave									
Crest factor	3:1									
Harmonic distortion	≤ 2% (linear load); ≤ 5% (Non-linear load)									
Transfer time	Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (Typical)						Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 0 ms			
Overload capability	105% ~ 125%: Transfer to bypass in 1 min; 125% ~ 150%: Transfer to bypass in 30S; > 150%: Transfer to bypass in 300 ms						105% ~ 125%: Transfer to bypass in 3 min; 125% ~ 150%: Transfer to bypass in 30 s; > 150%: Transfer to bypass in 100 ms			
EFFICIENCY										
Mains mode	≥ 90%		≥ 91%		≥ 92%			≥ 92%	192 V	
Battery mode	≥ 85%		≥ 86%		≥ 87%			≥ 91%	/	
ECO mode	≥ 95%		≥ 96%		≥ 97%			≥ 98%		
BATTERIES										
DC voltage	24 V	24 V	48 V	48 V	72V	72V	192V	192V	192V	192V
Inbuilt battery	2 × 9 Ah	/	4 × 9 Ah	/	6 × 9 Ah	/	16 × 7 Ah	/	16 × 9 Ah	/
Charging current (max.)	1 A	6 A	1 A	6 A	1 A	6 A	1 A	6 A	1 A	6 A
Recharge time	8h Recharged to 90% of cpacity									
ALARMS										
Utility Failure	4S Per Beep									
Low Battery	1S Per Beep									
Overload	1S Twice Beep									
UPS Fault	Long Beep									
COMMUNICATIONS										
RS232 (standard) / USB (optional)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10									
SNMP (Optional)	Power management from SNMP manager and web browser									
OTHERS										
Relative Humidity	0 ~ 90% (non-condensing)									
Noise level	≤ 50 dB (1m)									
Dimensions (W×D×H) (mm)	440 × 468 × 2U		(S) 440 x 468 x 2 x 2U (H) 440 x 468 x 2U		(S) 440 x 468 x 2 x 2U (H) 440 x 468 x 2U		(S) 440 x 565 x 2 x 3U (H) 440 x 565x 3U		(S) 440 x 565 x 2 x 3U (H) 440 x 565x 3U	
Net weight (kg)	12	6	12+17	12	13+23	13	20.7+52	20.7	22.4+52	22.4

* 1U=44.45 mm

Rear Panel

1. Overcurrent Protection
2. AC Input
3. Modem/Tel/Fax
4. DC Input
5. Outlet
6. FAN
7. RS232
8. SNMP/AS400 (optional)
9. USB (optional)
10. EPO (optional)
11. Parallel Card (optional for 6 &10KVA)