



ADVICE ON 1-3K RM UPS



Features:

- **Spike protection- 600 joules**
- Microprocessor control optimizes reliability
- **Output power factor 0.9**
- **Wide input voltage range 120-300VAC at 230VAC**
- Bypass
- Frequency mode available
- ECO mode
- Generator compatible
- Double conversion on line design
- USB + RS232 connector
- **3 year warranty for electronics and 2 years for battery**

Specifications



Model	AON1000RM-2	AON2000RM-2	AON3000RM-2			
PHASE		Single phase with ground				
CAPACITY	1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W			
INPUT						
Nominal Voltage	110/115/120/127VAC or 208/220/230/240VAC					
Input Voltage Range	60-145 VAC or 120-300 VAC at 50% load	90-145 VAC or 180-300 VAC at 100% load				
Frequency Range		40Hz ~ 70 Hz				
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)				
OUTPUT						
Output Voltage	110/115/120/127VAC or 208/220/230/240VAC					
Voltage Regulation		± 1%				
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz				
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz				
Current Crest Ratio		3:1				
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)				
Transfer Time	AC Mode to Battery Mode	Zero				
	Inverter to Bypass	4 ms (Typical)				
Waveform (Batt. Mode)		Pure Sinewave				
EFFICIENCY						
AC Mode	88%	89%	90%			
Battery Mode	83%	87%	88%			
BATTERY						
Standard Model	Battery Type	12 V / 9 AH				
	Typical Recharge Time	4 hours recover to 90% capacity				
	Charging Current (max.)	1.0 A				
	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%		
Long-run Model*	Battery Type	Depending on the capacity of external batteries				
	Charging Current (max.)	1A/2A/4A/6A (Adjustable)				
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	109.4VDC ±1%
INDICATORS						
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators				
ALARM						
Battery Mode		Sounding every 4 seconds				
Low Battery		Sounding every second				
Overload		Sounding twice every second				
Fault		Continously sounding				
PHYSICAL						
Standard Model	Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88	630 x 438 x 88		
	Net Weight (kgs)	12	19	29.3		
Long-run Model*	Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88			
	Net Weight (kgs)	9	12	14.2		
ENVIRONMENT						
Humidity		20-90 % RH @ 0- 40°C (non-condensing)				
Noise Level		Less than 50dBA @ 1 Meter				
MANAGEMENT						
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8/10 Linux, Unix, and MAC according software list				
Optional SNMP		Power management from SNMP manager and web browser				
Standards		CE, EN62040-1, EN62040-2				

*1K-3K: Derate to 80% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC. 6K: Derate to 60% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 208VAC. ** Product specifications are subject to change without further notice