

## 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						
Long-run Model*	Charging Voltage	27.4VDC ± 1%		54.7 VDC ± 1%		82.1 VDC ± 1%		
	Battery Type	Depending on the capacity of external batteries						
	Charging Current (max.)	1A/2A/4A/6A (Adjustable)						
Long-run Model*	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%	109.4VDC ± 1%	82.1 VDC ± 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	Continuously 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