

ADVICE ON 4 KVA RM UPS

Features:

- True On Line double-conversion
- DSP technology guarantees high performance
- Wide input voltage range (110-300 VAC)-load depending
- Optional SNMP / Dry contact
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- ECO mode for energy saving
- Generator compatible
- USB/RS-232 communications
- Active input power factor correction 0.99
- Optional N+X parallel redundancy
- **2 years warranty**



Specifications

Model		AON4KRM
PHASE		1 phase in / 1 phase out
CAPACITY		4000 VA / 3600 W
INPUT		
Nominal Voltage		208/220/230/240 VAC
Voltage Range		110~300VAC ± 3 % at 50% load 176~300VAC ± 3 % at 100% load
Frequency Range		46~54 Hz @ 50Hz / 56~64 Hz @ 60Hz
Phase		Single phase with ground
Power Factor		≥ 0.99 @ full load
THDi		<4% @100% Load, <6% @50% Load
OUTPUT		
Output Voltage		208*/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)		± 1%
Frequency Range (Synchronized Range)		46~54 Hz @ 50 Hz / 56~64 Hz @ 60 Hz
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz
Current Crest Ratio		3:1 (max.)
Harmonic Distortion		≤1% THD (Linear Load), ≤ 4 % THD (Non-linear Load)
Transfer Time	AC Mode to Batt. Mode	Zero
	Inverter to Bypass	Zero
Waveform (Batt. Mode)		Pure Sinewave
Overload	AC Mode	100%~110%: 10min, 110%~130%: 1min, >130% : 1sec
	Battery Mode	100%~110%: 30sec, 110%~130%: 10sec, >130% : 1sec
EFFICIENCY		
AC Mode		94%
ECO Mode		98.5%
Battery Mode		92%
BATTERY		
Standard Model	Numbers	16
	Typical Recharge Time	9 hours recover to 90% capacity
	Charging Current (max.)	1.0 A
	Charging Voltage	218.4 VDC ± 1%
Long-run Model	Battery Type	Depending on applications
	Numbers	16-20**
	Charging Current (max.)	4.0 A
	Charging Voltage	(13.65VDC x battery number) ± 1%
PHYSICAL		
Standard Model	Dimension, D X W X H (mm)	UPS Unit: 610x38x88 [2U] Battery Pack:715x438x88 [2U]
	Net Weight (kgs)	UPS Unit: 17 Battery Pack: 48
Long-run Model	Dimension, D X W X H (mm)	610 x 438 x 88 [2U]
	Net Weight (kgs)	17
ENVIRONMENT		
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 55dBA @ 1 Meter
MANAGEMENT		
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC
Optional SNMP		Power management from SNMP manager and web browser
Standards		CE, EN62040-1, EN62040-2

Product specifications are subject to change without further notice.

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or parallel system is operated. **When using 16 pieces of batteries, the output power factor will be derated to 0.8. If using 18 or 19 pieces of batteries, the output power factor will be derated to 0.9

***If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.