

## AON4000 UPS

### Features:

- True on line double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (110 V – 300 V)
- Converter mode available
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status



### Specifications

MODEL		AON4000
PHASE		Single phase with ground
CAPACITY*		4000VA/3600WATT
INPUT		
Nominal Voltage		208/220/230/240VAC
Input Voltage Range		110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)
Frequency Range		46~54 Hz or 56~64 Hz
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)
OUTPUT		
Output Voltage		208/220/230/240VAC
Voltage Regulation		± 1%
Frequency Range (Synchronized Range)		46~54 Hz or 56~64 Hz
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.1 Hz
Current Crest Ratio		3 : 1
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)
Transfer Time	AC Mode to Battery Mode	Zero
	Inverter to Bypass	Zero
Waveform (Batt. Mode)		Pure Sine Wave
EFFICIENCY		
AC Mode		92%
Battery Mode		89%
BATTERY		
Battery Type		12 V / 9 Ah
Typical Recharge Time		9 hours recover to 90% capacity
Charging Current (max.)		1A/2A
Charging Voltage		163.8 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		
Dimension, D x W x H (mm)		369 x 190 x 573
Net Weight (kgs)		46
ENVIRONMENT		
Humidity		0-95% RH @ 0-40°C (non-condensing)
Noise Level		Less than 55dBA @ 1 Meter
MANAGEMENT		
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC
Optional SNMP		Power management from SNMP manager and web browser
Standards		CE ,EN62040-1 ,EN62040-2

\* Derate to 60% of capacity in Frequency converter mode and to 90% when the output voltage is adjusted to 208VAC

\* Product specifications are subject to change without further notice