

ADVICE ON 1.5K UPS

Features:

- Double conversion on line design
- Wide frequency range 40-70Hz
- Frequency converter mode
- SNMP card/dry contact card (optional)
- 945 joule surge protection
- External battery connector
- Bypass
- Wide input voltage range (110-300 VAC*) at 230VAC
- Input power factor correction 0.99
- Output power factor 0.9
- ECO mode
- Generator compatible
- High overload capability and enhanced short circuit protection
- USB/RS-232 multiple communications
- **3 year warranty for electronics and 2 years for battery**



Specifications

Model		AON1500-2
PHASE		Single phase with ground
CAPACITY		1500 VA / 1350 W
INPUT		
Nominal Voltage		100/110/115/120/127 VAC or 200/208/220/230/240 VAC
Voltage Range		55 - 150 VAC \pm 5 % or 110 - 300 VAC \pm 5 % at 50% load 80 - 150 VAC \pm 5 % or 160 - 300 VAC \pm 5 % at 100% load
Frequency Range		40 Hz ~ 70 Hz
Power Factor		\geq 0.99 @ nominal voltage (100% load)
THDi		\leq 5% @100~130VAC or 205-245VAC THDU < 1.6% @ input and full linear load condition with battery fully charged
OUTPUT		
Output Voltage		100/110/115/120/127 VAC or 200/208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)		\pm 1%
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz
Frequency Range (Batt. Mode)		50 Hz \pm 0.1 Hz or 60Hz \pm 0.1 Hz
Current Crest Ratio		3:1
Harmonic Distortion		\leq 2 % THD (Linear Load) \leq 4 % THD (Non-linear Load)
Transfer Time	AC Mode to Batt. Mode	Zero
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave
EFFICIENCY		
AC Mode		90%
ECO Mode		97%
Battery Mode		89%
BATTERY		
Standard Model	Battery Type	12 V / 9 Ah
	Numbers	3
	Typical Recharge Time	4 hours recover to 90% capacity
	Charging Current (max.)	1.5 A
Long-run Model*	Charging Voltage	41.0 VDC \pm 1%
	Battery Type	Depending on the capacity of external batteries
	Numbers	3
	Charging Current (max.)	1A/2A/4A/6A/8A (Selectable via LCD setting)
Charging Voltage		41.0 VDC \pm 1%
INDICATORS		
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions
ALARM		
Battery Mode		Sounding every 5 seconds
Low Battery		Sounding every 2 seconds
Overload		Sounding every second
Fault		Continuously sounding
PHYSICAL		
Protection & Filtering		Surge protection / Overload protection / Short circuit
Standard Model	Dimension, D x W x H (mm)	397 X 145 X 220
	Net Weight (kgs)	13.8
Long-run Model*	Dimension, D x W x H (mm)	397 X 145 X 220
	Net Weight (kgs)	5.8
ENVIRONMENT		
Operation Humidity		20-95 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 50dB @ 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

*Derate capacity to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100VAC, 200VAC or 208VAC

** Product specifications are subject to change without further notice