



ADVICE ON AON10-40K UPS

Features:

- True ON LINE double-conversion
- DSP technology guarantees high performance
- Output power factor 1
- 3-stage extendable charging design for optimized battery performance
- 5 inch Touch LCD
- Active power factor correction in all phases
- Parallel operation with common battery
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- Adjustable battery numbers for long-run model
- Maintenance bypass available
- Dynamic Password
- Optional parallel operation
- Optional isolation transformer offers full isolation and complete common mode noise rejection
- **2 years warranty**



Model	AON3310	AON3315	AON3320	AON3330	AON3340
PHASE	3-phase in/3-phase out				
CAPACITY	10KVA/10KW	15KVA/15KW	20KVA/20KW	30KVA / 30KW	40KVA / 40KW
PARALLEL CAPABILITY	6				
INPUT					
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)				
Voltage Range	-30% ~ +20%				
Frequency Range	40~70 Hz				
Power Factor	≥ 0.99 @ 100% load				
Harmonic Distortion (THDi)	< 3% at full linear load				
OUTPUT					
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N)				
AC Voltage Regulation (Batt. Mode)	± 1%				
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz				
Frequency Range (Batt. Mode)	50/60 Hz ± 1%				
Current Crest Ratio	3:1 (max.)				
Harmonic Distortion (THDv)	≤1% THD (Linear Load)		≤3% THD (Non-linear Load)		
Transfer Time	AC mode to Battery mode	zero			
	Inverter to Bypass	zero			
Waveform (Batt. Mode)	Pure Sine Wave				
Overload Capability	100-110% for 60 min, 111-125% for 10 min, 126%~150% for 1 min; >150% or 400ms				
BYPASS					
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)				
Voltage Range	-30% ~ +20% (Adjustable)				
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz				
Overload Capability	> 130% 1 minute (default) Continuously working until breaker protection (optional)				
EFFICIENCY					
AC Mode	96%				
ECO Mode	99%				
Battery Mode	96%				
BATTERY					
	Battery Type	12V/9Ah			
	Numbers	(10+10)pcs	(16+16)pcs	(16+16)pcs	(16+16)pcs x 2 strings
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1A ~ 12A (Adjustable)			1A ~ 16A (Adjustable)
	Charging Voltage	+/-136.5 VDC ± 10%	+/-218 VDC ± 10%		
INDICATORS					
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				
PHYSICAL					
	Dimension D X W X H (mm)	630 x 250 x 826		815 x 300 x 1000	
	Net Weight (kgs)	124	139	225	250
ENVIRONMENT					
Operation Temperature	0-40°C				
Operation Humidity	<95% and non-condensing				
Altitude**	0 ~ 1500m at full load				
Noise Level	Less than 60dB @ 1 Meter		Less than 63dB @ 1 Meter		
MANAGEMENT					
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC				
Optional SNMP	Power management from SNMP manager and web browser				

Product specifications are subject to change without further notice

*When output voltage is set as 3 x 360VAC, the output power of the unit will be de-rated to 90%.

**If the UPS is installed or used in a place where the altitude is higher than maximum height, the output power will be derated 1% per 100m.