

ADVICE ON AON10-80K LONG 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 commom 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



Model	AON3310 LONG	AON3315 LONG	AON3320 LONG	AON3330 LONG	AON3340 LONG	AON3360 LONG	AON3380 LONG
PHASE	3-phase in/3-phase out						
CAPACITY	10KVA/ 10KW	15KVA/ 15KW	20KVA/ 20KW	30KVA / 30KW	40KVA / 40KW	60KVA / 60KW	80KVA / 80KW
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	Depending on the capacity of external batteries					
	Numbers	+/- 10 pcs	+/-16 pcs ~ +/- 20 pcs (Adjustable)				
	Charging Current (max.)	1A ~ 12A (Adjustable)			1A ~ 16A (Adjustable)	2A ~ 24 A (Adjustable)	2A ~ 32A (Adjustable)
	Charging Voltage	+/-136.5 VDC ± 10%	+/-13.65V*N (N=16~20)				
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		790 x 360 x 1010	
	Net Weight (kgs)	28	43	60	67	108	113
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	Less than 65dB @ 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.