

UPO33-HM3AX UPS online

Solutions for **critical tasks**
corporate **applications**



Feature

- True double-conversion
- DSP technology guarantees high performance
- 10" LCD for comprehensive UPS information
- Active power factor correction
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB multiple communications
- 3-stage extendable charging design for optimized battery performance
- Maintenance bypass available



Specifications

UPO33-HM3AX



UPO33-HM3AX		
PHASE	3-phase in/3-phase out	
CABINET CAPACITY	60KW	
BATTERY TYPE	Built in Battery	
ONE POWER MODULE CAPACITY	20KVA / 20KW	
MAX. POWER MODULE NO.	3 x 20kVA	
MAX. BATTERY SET NO	120 pcs (12 Trays)	
INPUT		
Nominal Voltage	3 x 120 VAC (Ph+N)	
Voltage Range	156 - 253 VAC at 100% load, 121 - 253 VAC at 70% load	
Frequency Range	40Hz - 70Hz	
Power Factor	≥ 0.99 @ 100% load	
OUTPUT		
Output Voltage	3 x 120 VAC (Ph+N)	
AC Voltage Regulation (Batt. Mode)	± 1%	
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz	
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio	3:1 (max.)	
Harmonic Distortion	≤ 1.5 % THD (Linear Load) ≤ 4 % THD (Non-linear Load)	
Transfer Time	AC mode to Battery mode	zero
	Inverter to Bypass	zero
Waveform (Batt. Mode)	Pure Sine Wave	
Overload	AC Mode 110% for 1 hr, 125% for 10 min, 150% to 1 min, >150% for 200 ms	
EFFICIENCY	Up to 96%	
BATTERY / CHARGER		
Nominal Voltage	240 with neutral +/- 120V (12V x 20 pcs)	
Float Charging Voltage	2.25V / Cel	
Boost Charging Voltage	2.35V / Cel	
Temperature Compensation	Yes	
Maximun Charging Current	8A for each power module (user adjustable)	
INDICATORS		
LCD Panel	UPS status, load level, battery level, input/output voltage, backup time and fault conditions	
ALARM		
Battery Mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding twice every second	
Fault	Continuously sounding	
PHYSICAL		
Cabinet Dimension (mm)	1100 x 600 x 1475 (D x W x H)	
Net Weight (kgs)	675	
ENVIRONMENT		
Operation Temperture	0-40°C	
Operation Humidity	<95% and non-condersing	
IP CLASS	IP 20	
MANAGEMENT		
Smart USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC	
Optional SNMP	Power management from SNMP manager and web browser	
STANDARDS		
Safety	UL 1778 / CSA C22 / NO 107, 3 -05	
EMC	FCC PART 15, SUPPORT B class A	

*If the UPS is installed or used in a place where the altitude is above than 3000m, the output power must be derated 1% per 100m.

Specifications are subject to change without notice

Committed to safety and quality in our equipment

