

Online UPS

30KVA / 40KVA

- DSP technology guarantees high performance
- Output power factor 0.9
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run model
- Maintenance bypass available
- Parallel operation with common battery
- Optional isolation transformer offers full isolation and complete common mode noise rejection



MODEL	MX 30K 33	MX 40K 33
PHASE		3-phase in/3-phase out
CAPACITY	30KVA / 27KW	40KVA / 36KW
PARALLEL CAPABILITY		up to 3 units in parallel
INPUT		
Nominal Voltage	3 x 400 VAC (3Ph+N)	
Voltage Range	190-520 VAC (3-phase) @ 50% load	
Frequency Range	46~54 Hz or 56~64Hz	
Power Factor	≧ 0.99 @ 100% 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 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio	3:1 (max.)	
Harmonic Distortion	≧ 2 % THD (Linear Load)	
Transfer Time	AC mode to Battery mode	zero
	Inverter to Bypass	zero
Waveform (Batt. Mode)	Pure Sine Wave	
Overload	AC Mode	100-110% for 10 min, 110-130% for 1 min, >130% for 1 second
	Battery Mode	100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second
EFFICIENCY		
AC Mode	95.5%	
ECO Mode	97%	
Battery Mode	93.5%	
BATTERY		
Battery Type	12V/7Ah	12V/9Ah
Numbers	(16+16)pcs x 2 strings	(16+16)pcs x 2 strings
Typical Recharge Time	9 hours recover to 90% capacity	
Charging Current (max.)	1A/2A/3A/4A (Adjustable)	
Charging Voltage	+/-218 VDC ± 10%	
INDICATORS		
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault	
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)	815 x 300 x 1000	
Net Weight (kgs)	225	250
Operation Temperature	0-40°C	
Operation Humidity	<95% and non-condensing	
Noise Level	Less than 60dB @ 1 Meter	Less than 70dB @ 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	

*When output voltage is set as 3 x 360VAC, the output power of the unit will be de-rated to 90%.
Product specifications are subject to change without further notice