

Delta UPS - Amplon Family



Applicable Sectors



School



Infrastructure



SME



POS



Banking



Retail

MX Series, Line-interactive 1.1/2/3 kVA

The Amplon MX line-interactive UPS provides pure sine-wave quality compatibility in versatile application in order to protect devices and prevent small-and-medium businesses from power failure and voltage variations in small footprint. The Amplon MX series features enhanced output power factor 0.9, AVR Efficiency up to 96.5%, resulting in a greater power supply for critical loads at significantly less operating cost.

Features:

- Microprocessor-based line interactive design for fast response to power disturbances
- Programmable load bank disconnects non-critical loads when a blackout occurs and reserves more battery power for critical loads
- Automatic voltage regulator (AVR) delivers stable output voltage during brownouts or over-voltages
- Wide input voltage range allows the UPS to work in harsh electrical environments
- Hot-swappable battery design to protect equipment during battery replacement
- Supports both rack and tower installation
- Excellent management through a user-friendly graphical and easy-shift LCD display to suit different installation format
- Supports multiple communication interfaces, including USB port, RS-232, Mini Slot, Surge Protection, REPO for enhanced monitoring and manageability
- Output power factor is up to 0.9 to provide more real power to critical loads
- High efficiency normal mode reach at 98% and 98.5% for 3kVA
- Wide input range and protection against over voltage prolongs battery life

Technical Specification

Model		MX-1.1K	MX-2K	MX-3K
Power Rating		1100VA/990W	2000VA/1800W	3000VA/2700W
Input	Voltage Range	200V: 150-234V / 208V: 156-243V / 220V: 162-268V 230V: 170-280V / 240V: 177-290V		
	Nominal Frequency	50/60 Hz (Auto-Detection)		
	Connection	IEC C14	IEC C20	
	Phase	Single phase with ground		
Output	Voltage	200 / 208 / 220 / 230 / 240 Vac		
	Voltage Regulation	±1.5% (Batt. Mode)		
	Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz		
	Connection	IEC C13 (4+4)	IEC C13 (4+4) IEC C19 (1)	
	Overload	103% ~ 120%: 5 minutes (1 minute @ Battery mode), 120% ~ 150%: 10 seconds, >150%: UPS shutdown immediately		
	Current Crest Ratio	3:1		
	Harmonic Distortion	Linear load (full load) ≤2%, Non-linear load (full load) ≤5%		
	Waveform (Batt. Mode)	Pure Sinewave		
Battery	Battery Type	12V/9Ah Sealed lead-acid battery		
	Numbers	2	4	6
	Recharge Time	4 hours recover to 90% capacity		
Interface	Standard	RS-232 Port × 1, USB Port × 1, MINI Slot × 1, Surge Protection, REPO		
Efficiency	Normal Mode	98%		98.5%
	AVR Mode	96.5%	96.5%	
Environment	Operating Temperature	0 ~ 40 °C		
	Relative Humidity	20 ~ 90 % RH (non-condensing)		
	Noise Level	< 45 dBA	< 45 dBA @ Normal mode, < 55 dBA @ Battery mode	
Physical	Dimensions (W × D × H)	438 × 410 × 88 mm	438 × 510 × 88 mm	438 × 630 × 88 mm
	Net Weight (kg)	14.1	21.3	32.1

All specifications are subject to change without prior notice.



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Asia's Fabulous 50



2009 Frost & Sullivan
Green Excellence Award for
Corporate Leadership



Delta's Manufacturing
System is Certified by
ISO 9001 and ISO 14001
Standards



IECQ Certificate of
Hazardous Substance
Process Management

