

The power behind competitiveness

# Delta UPS–Amplon Family

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

## Reliable Power Protection for Small and Medium Business

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.

### Availability

- 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

### Flexibility

- 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

### Low Total Cost of Ownership

- 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



School



Infrastructure



SME



Security



Telecom



Industrial



Network



**DELTA**  
Smarter. Greener. Together.

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## MX Series, Line-Interactive 1.1/2/3kVA

### Technical Specification

Model		MX-1.1K	MX-2K	MX-3K
<b>Power Rating</b>		1100VA / 990W	2000VA / 1800W	3000VA / 2700W
<b>Input</b>	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		
<b>Output</b>	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		
<b>Battery</b>	Battery Type	12V/9Ah Sealed lead-acid battery		
	Numbers	2	4	6
	Recharge Time	4 hours recover to 90% capacity		
<b>Interface</b>	Standard	RS-232 Port x 1, USB Port x 1, MINI Slot x 1, Surge Protection, REPO		
<b>Efficiency</b>	Normal Mode	98%	98.5%	
	AVR Mode	96.5%	96.5%	
<b>Environment</b>	Operating Temperature	0 ~ 40°C		
	Relative Humidity	20 ~ 90 % RH (non-condensing)		
	Noise Level	< 45 dBA	< 45 dBA @ Normal mode, < 55 dBA @ Battery mode	
<b>Physical</b>	Dimensions (W x D x H)	438 x 410 x 88 mm	438 x 510 x 88 mm	438 x 630 x 88 mm
	Net Weight (kg)	14.1	21.3	32.1



User Friendly and Rotatable LCD Display



Rack/ Tower Configuration



1.1 kVA Rear View



2 kVA Rear View



3 kVA Rear View



2007~ 2008 Forbes 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

