



## APC Matrix-UPS 5kVA 208V/240V In 120/208/240V Out

APC Matrix-UPS, 5000VA/3750W, Input 208V/Output 120V, 208V, Interface Port DB-9 RS-232, SmartSlot

Includes: CD with software, Smart UPS signalling RS-232 cable, User Manual

Part Number : **MX5000**

**DISCONTINUED** : recommended replacement product

[SURT5000RMXLT-1TF5](#)

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- [Product Distribution](#)



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## Technical Specifications

### Output

Output power capacity	5000 VA
Output power capacity	3750 Watts
Max Configurable Power	5000 VA
Max Configurable Power	3750 Watts
Nominal output voltage	120V,208V
Efficiency at full load	93%
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
Crest Factor	up to 5 : 1
Waveform type	Sine wave

Output Connections	(6) NEMA 5-15R	
	(1) NEMA L14-30R	
	(2) NEMA L6-30R	

### Input


Bypass	Internal Bypass (Automatic and Manual)
Nominal input voltage	208V
Input frequency	60 Hz +/- 5 Hz

### Options:

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### General Features:

- | Adjustable voltage-transfer points
- | Audible alarms
- | Automatic internal bypass
- | Automatic restart of loads after UPS shutdown
- | Automatic self-test
- | Battery modules connected in parallel
- | Boost and Trim Automatic Voltage Regulation (AVR)
- | Field-replaceable power distribution panel
- | Hot-swappable batteries
- | Hot-swappable modules
- | InfraStruXure Manager compatible
- | Intelligent battery management
- | LCD display
- | Manageable external batteries
- | Modular design

Input Connection Type	NEMA L6-30P	
Cord Length	6 feet ( 1.83 meters)	
Input voltage range for main operations	156 - 252 (208) / 176 - 282 ( 240V)V	
Other Input Voltages	240	

- | Plug-and-Play external batteries
  - | Power conditioning
  - | Predictive failure notification
  - | Scalable runtime
  - | Serial Connectivity
  - | SmartSlot
  - | User-replaceable batteries
  - | User-replaceable power modules
- [more details...](#)

**Topology:** Line Interactive

## Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Replacement battery cartridge	SMARTCELL
RBC™ Quantity	2
Replacement battery cartridge note	The MX5000 ships with 2-SmartCell's. There is no RBC available for a standard SmartCell. If a SmartCell-XR is being used,then an RBC14 may be purchased.
Typical backup time at half load	27.8 minutes (1875 Watts)
Typical backup time at full load	10.2 minutes (3750 Watts)
Runtime Chart	<a href="#">Matrix-UPS</a>

## Communications & Management

Interface port	DB-9 RS-232,SmartSlot
Available Smart Slot Interface Quantity	1
Control panel	Multi-function LCD status and control console
Audible alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

## Physical

Maximum height	26.90 inches (683 mm)
Maximum width	13.80 inches (351 mm)
Maximum depth	17.80 inches (452 mm)
Net weight	303.00 lbs. (137.73 kg)
Shipping Weight	343.00 lbs. (155.91 kg)
Color	Beige
Units per Pallet	1.00

## Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-15 - 45 °C (5 - 113 °F)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	60 dBA
Online thermal dissipation	900 BTU/hr

## Conformance

Approvals

CE,CSA,FCC Part 15 Class A,UL 1778

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Standard warranty

2 years repair or replace,optional on-site  
warranties available,optional extended warranties  
available

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