

# Pulsar MX-K

## 20 kVA Single-phase Isolation Transformer for Pulsar MX UPS



### Features

- Step-down capability can provide 120V output
- K-13 rated
- Designed for high harmonic loads
- Provides electrical isolation
- Removes spikes and electrical noise
- Excellent no load to full load regulation
- Fast and easy installation
- Seismic brackets included
- Casters included
- Fits into equipment rack
- Meets FCC Category A
- UL1012, cUL
- Meets UL 1449 & 1561
- Two-year warranty

Noise signals, harmonics, spikes and other power anomalies can have a direct impact on the operation and longevity of electrical equipment. With such problems occurring approximately seven times more frequently than voltage fluctuations and blackouts combined, it is essential to safeguard your equipment with the Pulsar MX UPS™ combined with the MX-K™ Isolation Transformer from the Eaton® MGE Office Protection Systems™ family.

The MX-K protects sensitive equipment against electrical noise disturbances, even when the UPS is in the bypass mode.

Using exclusive double shielding techniques, the MX-K blocks all forms of electrical noise including RFI/ EMI, over a broad range of frequencies. Furthermore, the noise suppression is achieved without impeding the normal AC signal.

All this is achieved while maintaining an optimum operating efficiency of 97% at full load.

The MX-K provides maximum configuration flexibility by accommodating an input of either 208 or 240 Vac, and producing an isolated output as low as 120V, with the assistance of the unit's step-down feature, or as high as 240V and 208 Vac, single-phase, 60 Hz. Any or all output nominal voltages are easily accessed via the terminal blocks provided.

The MX-K output is considered a "separately derived power source" per NEC Article 250(D).

Use the MX-K Isolation Transformer in concert with the Pulsar MX UPS any time you wish to increase both system configuration flexibility and power protection for your mission-critical applications.



*Powering Business Worldwide*

Pulsar MK-K

Catalog Number	Style Number	Rating	Dimensions (H x W x D, inches)*	Weight (lb)
PULSMXN20K-XFMR	87482	20 kVA	21.0 x 17.5 x 28.0	322

\* Cabinet height without casters

## Technical Specifications

Input Volts	208/240V single-phase
Rating	20 kVA
Output Voltage	120/240V w/tap for 208
Output Interface	Hardwired
Frequency	60 Hz +3%
Impedance	3 to 4%
Efficiency	97%
BTU/Hr Output	2,047 BTU/H
Load Regulation	2% from no load to full load
Common Mode Noise Rejection	-126 dB
Transverse Mode Noise Rejection	20 dB/decade down to below 50 dB
Audible Noise	45 dBA @ 1 meter
Safety Agency Approvals	UL 1012 & cUL
Warranty	Two years



Harmonic Handling Capability	
	K13
Fundamental 60 Hz	50%
3 <sup>rd</sup> Harmonic	72%
5 <sup>th</sup> Harmonic	43%
7 <sup>th</sup> Harmonic	21%
9 <sup>th</sup> Harmonic	9%
11 <sup>th</sup> Harmonic	4%
13 <sup>th</sup> Harmonic	3%
15 <sup>th</sup> Harmonic	3%
17 <sup>th</sup> Harmonic	2%



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Printed in USA  
PULMX01FXA  
October, 2008