

Specifications



Eaton 9PXM12S20K

Eaton 9PXM UPS, 20 kVA scalable to 20 kVA (N+1), Hardwired input, Hardwired output, 208-240V, Rack/Tower, 21U

General specifications

PRODUCT NAME	Eaton 9PXM UPS
CATALOG NUMBER	9PXM12S20K
UPC	743172091512
PRODUCT LENGTH/DEPTH	34.5 in
PRODUCT HEIGHT	36.5 in
PRODUCT WIDTH	17.5 in
PRODUCT WEIGHT	690 lb
COMPLIANCES	TAA Compliant FCC Compliant
CERTIFICATIONS	IEC Rated cULus Listed
PRODUCT TYPE	UPS

Battery

RUNTIME GRAPH [View runtime graph](#)

BATTERY REPLACEMENT Hot-swappable internal batteries and extended battery modules (EBMs)

BATTERY MANAGEMENT ABM technology (3-stage charging extends battery service life by 50% and provides advance warning for battery replacement)

EXTENDED BATTERY CAPABILITY Yes

Electrical output

RECEPTACLE Hardwired

OUTPUT FREQUENCY 60 Hz

VOLTAGE 120/208V

OUTPUT NOMINAL VOLTAGE 110V/220V, 120V/208V, 120V/240V, 127V/220V

VA RATING 20 kVA

WATTAGE 18 kW

OUTPUT WAVEFORM True sine wave

OUTPUT POWER FACTOR 0.9

TOPOLOGY Online/Double-conversion

Environmental

TEMPERATURE RANGE 0° to 40°C (32° to 104°F)

RELATIVE HUMIDITY 5-95% non-condensing

Electrical input

INPUT CONNECTION Hardwired

INPUT NOMINAL VOLTAGE 110V/220V, 120V/208V, 120V/240V, 127V/220V

INPUT POWER FACTOR >0.99 typical

INPUT FREQUENCY RANGE 60 Hz: 50–70 Hz

Communications

EXPANSION SLOTS

- (2) Mini-Slot (MS) expansion ports. The following optional connectivity cards may be ordered separately.
- Gigabit Network Card part number: NETWORK-M2
- Modbus card part number: INDGW-M2
- Relay card part number: RELAY-MS

SOFTWARE COMPATIBILITY Intelligent Power Software Suite

Additional specifications

PACKAGE CONTENTS

- 9PXM12S20K 9PXM 20000VA 18000W 208/240V Online Double-Conversion UPS
- (5) 9PXMSPPM 9PXM split-phase power modules
- (10) 9PXMBAT 9PXM internal battery modules
- NETWORK-M2 Gigabit network card
- Owner's manual

INTERNAL BYPASS Yes

AUTO SHUTDOWN FUNCTION	Yes
COLOR	Black/silver
HOT SWAP POWER	Yes

Warranty and support

STANDARD FACTORY WARRANTY

- 2-YEAR FACTORY WARRANTY
- - 2 years
- Parts, labor, electronics and batteries coverage*
- - Startup included
- - Parts, electronics and batteries coverage
- - Standard ground shipping
- - Technical support
- *if startup is performed by Eaton, if self-performed startup then just 90 days labor

EXTENDED SERVICE PLANS

- ADVANCED DEPOT EXCHANGE
- - 5-year depot repair: 9SW5Y-18000UC
- - Expedited parts coverage for 5 years
- - Parts, electronics and UPS batteries coverage
- - Next business day shipping
- - Technical support
-
- 5-YEAR ON-SITE PLAN: WFLN75XX-18000UC
- - On-site parts and labor coverage for years 5
- - Parts, electronics and UPS batteries coverage
- - 24x7 on-site labor coverage, next-day response
- - Next-day shipping
- - Technical support

Resources

BROCHURES

[9PXM UPS brochure](#)

DRAWINGS

[Eaton 9PXM UPS CTO guide](#)

[Eaton 9PXM UPS 12-slot 2D drawing](#)

MANUALS AND USER GUIDES

[9PXM user guide](#)

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - 9PXM12S20K](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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