

Specifications



Eaton 9PXM12S20K-PD

Eaton 9PXM UPS, 20 kVA scalable to 20 kVA (N+1), Hardwired input, Outputs: (4) 5-20R, (2) L6-30R, (2) L6-20R, (2) L14-30R, 208-240V, Rack/Tower, 21U

General specifications

PRODUCT NAME	Eaton 9PXM UPS
CATALOG NUMBER	9PXM12S20K-PD
UPC	786689053512
PRODUCT LENGTH/DEPTH	34.5 in
PRODUCT HEIGHT	36.5 in
PRODUCT WIDTH	17.5 in
PRODUCT WEIGHT	690 lb
COMPLIANCES	FCC Compliant TAA Compliant ICES-003
CERTIFICATIONS	93/68/EEC IEC 62040-1 72/23/EEC IEC 60950 89/336/EEC92/31/EEC EMC: IEC 62040-2 cULus Listed IEC Rated
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 (8) 5-20R, (2) L6-30R, (2) L6-20R, (2) L14-30R, 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-PD 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
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- 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-PD](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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