Specifications







Eaton 9PXM8S16K

Eaton 9PXM UPS, 16 kVA scalable to 16 kVA, Hardwired input, Hardwired output, 208-240V, Rack/Tower, 14U

General specifications	
PRODUCT NAME	Eaton 9PXM UPS
CATALOG NUMBER	9PXM8S16K
UPC	743172091550
PRODUCT LENGTH/DEPTH	34.5 in
PRODUCT HEIGHT	25 in
PRODUCT WIDTH	17.5 in
PRODUCT WEIGHT	471 lb
COMPLIANCES	TAA Compliant FCC Compliant
CERTIFICATIONS	IEC Rated cULus Listed
PRODUCT TYPE	UPS

Powering Business Worldwide

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 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

Electrical output

RECEPTACLE	Hardwired
OUTPUT FREQUENCY	60 Hz
VOLTAGE	120/208V
OUTPUT NOMINAL VOLTAGE	110V/220V, 120V/208V, 120V/240V, 127V/220V
VA RATING	16 kVA
WATTAGE	14.4 kW
OUTPUT WAVEFORM	True sine wave
OUTPUT POWER FACTOR	0.9
TOPOLOGY	Online/Double-conversion

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

Environmental

TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
RELATIVE HUMIDITY	5-95% non-condensing

Additional specifications

PACKAGE CONTENTS	• 9PXM8S16K 9PXM 16000VA 14400W 208/240V Online Double-Conversion UPS • (4) 9PXMSPPM 9PXM split-phase power modules • (8) 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-11000UC • - Expedited parts coverage for 5 years • - Parts, electronics and UPS batteries coverage • - Next business day shipping • - Technical support • • 5-YEAR ON-SITE PLAN: WFLN75XX-11000UC • - 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 8-slot 2D drawing
MANUALS AND USER GUIDES	9PXM user guide
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 9PXM8S16K

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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