Specifications







Eaton 9PX5KP1

Eaton 9PX UPS, Network card included, 6U, 5000 VA, 4500 W, L6-30P input, Outputs: (6) 5-20R, (1) L6-30R, (1) L14-30R, 120/240V

General specifications	
PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX5KP1
UPC	743172040541
PRODUCT LENGTH/DEPTH	28.4 in
PRODUCT HEIGHT	10.2 in
PRODUCT WIDTH	17.3 in
PRODUCT WEIGHT	203 lb
WARRANTY	3 year limited
COMPLIANCES	CE Marked FCC Part 15 CISPR22 Class A / FCC part 15 Class A
CERTIFICATIONS	IEC 62040-2:2006 Cat C2 NOM cULus Listed ENERGY STAR certified
GLOBAL CATALOG	9PX5KP1
PRODUCT TYPE	UPS

Battery

BATTERY MANAGEMENT	ABM technology (3-stage charging extends battery service life by 50% and provides advance warning for battery replacement)
BATTERY REPLACEMENT	Hot-swappable internal batteries and extended battery modules (EBMs)
BATTERY TYPE	Valve Regulated Lead Acid (VRLA)
EXTENDED BATTERY CAPABILITY	Add up to 4 extended battery modules (EBM). Part numbers CBLADAPT180RT + 9PXEBM180RTG2
RUNTIME AT FULL LOAD	3 min

Electrical output

RECEPTACLE	(6) 5-20R, (1) L6-30R, (1) L14-30R
TOPOLOGY	Online/Double-conversion
WATTAGE	4500 W
VA RATING	5000 VA
OUTPUT WAVEFORM	True sine wave
VOLTAGE	120/208V
OUTPUT POWER FACTOR	0.9
OUTPUT NOMINAL VOLTAGE	120/240V default (200/208/220/230/240V)
OUTPUT VOLTAGE RANGE	±1% steady-state
OUTPUT FREQUENCY	50/60 Hz

Electrical input

INPUT CONNECTION	L6-30P
INPUT CORD LENGTH	6 ft
INPUT NOMINAL VOLTAGE	208V default (200/208/220/230/240V)
INPUT FREQUENCY RANGE	60 Hz: 50–70 Hz, 50 Hz: 40–60 Hz
INPUT POWER FACTOR	>0.99 typical

Communications

COMMUNICATION	Web/SNMP in MiniSlot expansion port + 1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay Communication slot
EXPANSION SLOTS	(1) Mini-Slot (MS) expansion port with Gigabit Network Card (NETWORK-M3) included
ETHERNET INTERFACE	Yes
INCLUDES NETWORK CARD	Yes
SOFTWARE COMPATIBILITY	Intelligent Power Software Suite
USER INTERFACE	Graphical display, 5-button programmable menu

Environmental

ALTITUDE	<1000m for nominal power, 10% power degrading every 1000m (up to 3000m)
BTU RATING	Online: 1186, Battery: 1608
NOISE LEVEL	<45 dB at 1 meter
RELATIVE HUMIDITY	0-95% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

Additional specifications

SPECIAL FEATURES	Gigabit Network Card (NETWORK-M3) included
RACK SIZE	6U
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	93%
PACKAGE CONTENTS	• 9PX5K 5kVA UPS • 9PXPPDM1 PowerPass Distribution Module • Gigabit Network Card (NETWORK-M3) • 4-post rail kits (2x 9RK) • User manual

	• Quick start guide • Tower pedestals • ! • RS-232 serial cable • USB cable • Cable gland for hardwire connection • !
INTERNAL BYPASS	Yes

Warranty and support

STANDARD FACTORY WARRANTY	• 3-YEAR FACTORY WARRANTY • - 3 years • - Parts, electronics and batteries coverage • - Standard ground shipping • - Technical support
EXTENDED SERVICE PLANS	• ADVANCED DEPOT EXCHANGE • - 5-year depot repair: 9SW5Y-6000UC • - Expedited parts coverage for 5 years • - Parts, electronics and UPS batteries coverage • - Next business day shipping • - Technical support • • 5-YEAR ON-SITE PLAN: WFLN75XX-6009UC • - 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

APPLICATION NOTES	9PX5KP1 and 9PX6KP1 interconnect diagram
BROCHURES	Eaton 9PX 5-11 kVA UPS brochure 9PX UPS bundles configuration overview
DRAWINGS	9PXPPDM1 Pro-E drawing 9PX5K Pro-E drawing Battery Integration System Pro-E drawing
MANUALS AND USER GUIDES	9PX UPS (5-6 kVA) user guide 9PX battery integration system user guide 9PX PPDM and transformers user guide
SPECIFICATIONS AND DATASHEETS	9PX technical specifications: 5 and 6 kVA Eaton Specification Sheet - 9PX5KP1

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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