Specifications







Eaton 9PX11KG2-L

Eaton 9PX Gen 2 UPS, Lithium-ion battery, 11000VA, 11000W, Input: Hardwired, Outputs: Hardwired, (4) L6-30R, 4U Rack/tower, Gigabit Network card included

General specifications	
PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX11KG2-L
UPC	786689972783
PRODUCT LENGTH/DEPTH	28.5 in
PRODUCT HEIGHT	6.85 in
PRODUCT WIDTH	17.32 in
PRODUCT WEIGHT	142.86 lb
WARRANTY	5 year limited
COMPLIANCES	CISPR22 Class A / FCC part 15 Class A CE Marked FCC Part 15
CERTIFICATIONS	IEC 62040-2:2006 Cat C2 cULus Listed NOM ENERGY STAR certified
GLOBAL CATALOG	9PX11KG2-L
PRODUCT TYPE	UPS

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Battery

BATTERY MANAGEMENT	On-board battery management system (BMS) monitors battery performance, lifecycle, and active temperature to provide advance notice when batteries need replacing
BATTERY REPLACEMENT	Hot-swappable internal batteries and extended battery modules (EBMs). Replacement battery part # EBP-1806-L (Qty 2 per UPS)
BATTERY TYPE	Lithium-ion
BATTERY CHEMISTRY	Lithium Iron Phosphate (LiFePo4)
BATTERY VOLTAGE (VDC)	192
EXTENDED BATTERY CAPABILITY	Add up to 10 EBMs, part # 9PXEBM192RTG2-L
INTERNAL BATTERY DETAILS	192VDC 12Ah 2304Wh
REPLACEMENT BATTERY CARTRIDGE	EBP-1806-L (Qty 2)
RUNTIME AT FULL LOAD	7.9 (11000W)
RUNTIME AT HALF LOAD	16 min

Electrical output

RECEPTACLE	(4) L6-30R, Hardwired
TOPOLOGY	Online/Double-conversion
WATTAGE	11 kW
VA RATING	11 kVA
OUTPUT WAVEFORM	True sine wave
VOLTAGE	208 V
OUTPUT POWER FACTOR	1.0
OUTPUT NOMINAL VOLTAGE	208V default (200/208/220/230/240V)
NOMINAL OUTPUT VOLTAGE	200V 208V 220V 230V 240V
OUTPUT VOLTAGE RANGE	±1% steady-state
OUTPUT FREQUENCY	50/60 Hz
OUTPUT CAPACITY (WATTS)	11000
OUTPUT RECEPTACLES	L6-30R Hardwire

Electrical input

INPUT CONNECTION	Hardwired
INPUT NOMINAL VOLTAGE	200 VAC 208 VAC 220 VAC 230 VAC 240 VAC
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
INPUT CIRCUIT BREAKERS	Recommended 80A for 100% load or 70A if UPS load is less than 90%

Communications

EXPANSION SLOTS	(2) Mini-Slot (MS) expansion ports with 1 Gigabit Network Card (NETWORK-M3) included
ETHERNET INTERFACE	Yes
INCLUDES NETWORK CARD	Yes
SOFTWARE COMPATIBILITY	Brightlayer Data Centers suite
USER INTERFACE	Graphical display, 5-button programmable menu, LED indicator

Environmental

ALTITUDE	3000 m
BTU RATING	Online: 1160 BTU/hr, Battery: 1767 BTU/hr, High Efficiency: 188 BTU/hr
NOISE LEVEL	≤54 dB at 100% load, <38 dB at 66% load (at 1m, online mode, <87degrees F)
RELATIVE HUMIDITY	0-95% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

Additional specifications

FORM FACTOR	Rackmount Tower
RACK SIZE	4U
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	97%
PACKAGE CONTENTS	• 11000VA 11000W 208V 9PX G2 Online Double-Conversion Lithium-Ion UPS • NETWORK-M3 Gigabit network card • USB cable • RS-232 cable • Cable gland for hardwire connection • Rack-mounting hardware • Tower support stands • Quick Start Guide
INTERNAL BYPASS	Yes
UPS POWER MODULE WEIGHT (LBS.)	132.3
PLUG TYPE	Hardwired

Warranty and support

EXTENDED SERVICE PLANS	• 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

3D MODELS	Eaton 9PX G2 UPS 3D model 9PX8kG2-L and 9PX11kG2-L
BROCHURES	Lithium-ion battery application note Eaton Lithium-ion battery benefits BMS Brochure Lithium-ion UPS total cost of ownership (TCO) calculator
CROSS REFERENCES	9PX and 9PX G2 lithium-ion UPS battlecard
DECLARATIONS OF CONFORMITY	Eaton 9PX Gen2 Declaration of Conformity

DRAWINGS	Eaton 9PX G2 lithium-ion UPS 9PX8KG2-L 9PX11KG2-L 2D drawing
MANUALS AND USER GUIDES	9PX8KG2-L 9PX11KG2-L Quick Start Guide 9PX G2 PPDM and TF advanced user guide 9PX G2 6-11kVA Lithium-ion UPS MBP Advanced User Guide
MATERIAL SAFETY DATA SHEET (MSDS)	Eaton 9PX G2 UPS 9PX11KG2-L MSDS Eaton 9PX G2 UPS EBP-1806-L MSDS
PRESENTATIONS	9PX G2 UPS Presentation
TEST REPORT	Eaton 9PX G2 UPS 9PX11KG2-L UN38.3 battery test summary
WARRANTY GUIDES	Eaton 9PX lithium-ion UPS warranty
WIRING DIAGRAMS	9PXG2 8-11k UPS with 9PXTFMR5G2 Interconnect diagram 9PXG2 8-11k UPS with 9PXTFMR11G2 Interconnect diagram 9PXG2 8-11k UPS with 9PXTFMR5G2 and MBP11K208G2 Interconnect diagram 9PXG2 8-11k UPS with MBP11K208G2 Interconnect diagram 9PXG2 8-11k UPS with 9PXTFMR11G2 and MBP11K208G2 Interconnect diagram

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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