

Specifications

Eaton 9PX3000GRT-L

Eaton 9PX lithium-ion UPS, 2U, 3000 VA, 2700W at 208V, L6-20P input, 200-240V, Outputs: (8) C13, (2) C19

General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX3000GRT-L
UPC	743172105493
PRODUCT LENGTH/DEPTH	23.82 in
PRODUCT HEIGHT	3.41 in
PRODUCT WIDTH	17.32 in
PRODUCT WEIGHT	50.27 lb
WARRANTY	5 year limited
COMPLIANCES	FCC part 15 Class B IEC 62040-2 Cat C1
CERTIFICATIONS	NOM cTUVus ICC-ES AC156 OSHPD Seismic certified
GLOBAL CATALOG	9PX3000GRT-L
PRODUCT TYPE	UPS

Battery

BATTERY MANAGEMENT	Integrated battery management system (BMS) for temperature regulation and life cycle monitoring
BATTERY REPLACEMENT	Hot-swappable internal batteries and extended battery modules (EBMs)
BATTERY TYPE	Lithium-ion
BATTERY CHEMISTRY	Lithium Iron Phosphate (LiFePo4)
EXTENDED BATTERY CAPABILITY	Add up to 4 extended battery modules (EBM). Part number 9PXEBM72RT-L

Electrical input

INPUT CONNECTION	L6-20P
INPUT CORD LENGTH	6 ft detachable
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

Electrical output

RECEPTACLE	(8) C13, (2) C19
TOPOLOGY	Online/Double-conversion
WATTAGE	2700 W
VA RATING	3000 VA
OUTPUT WAVEFORM	True sine wave
VOLTAGE	208 V
OUTPUT POWER FACTOR	1.0 at 220-240V; 0.9 at 200-208V
OUTPUT NOMINAL VOLTAGE	208V default (200/208/220/230/240V)
OUTPUT VOLTAGE RANGE	±1% steady-state
OUTPUT FREQUENCY	50/60 Hz
OUTPUT CAPACITY (KVA)	3

Communications

COMMUNICATION	RS-232 (RJ45) ports; USB port as standard (HID). 6-foot RS-232 and USB cables included
EXPANSION SLOTS	• (1) Mini-Slot (MS) expansion port. The following optional connectivity cards may be ordered separately. • Gigabit Network Card part number: NETWORK-M3 • Modbus card part number: INDGW-M2 • Relay card part number: RELAY-MS
SOFTWARE COMPATIBILITY	Intelligent Power Software Suite
USER INTERFACE	Graphical display, 5-button programmable menu

Environmental

ALTITUDE	0-1500m (0° to 40°C), 1500-3000m (0° to 35°C)
BTU RATING	Online: 619, Battery: 1150
NOISE LEVEL	<47 dB at 1 meter
RELATIVE HUMIDITY	0-96% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

Warranty and support

STANDARD FACTORY WARRANTY

- 5-YEAR FACTORY WARRANTY
- - 5 years
- - Parts, electronics and batteries coverage
- - Standard ground shipping
- - Technical support

Additional specifications

RACK SIZE	2U
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	93 %

PACKAGE CONTENTS

- 3000VA 2700W 208V 9PX Online Double-Conversion UPS with 10 Outlets
- Detachable C19 to NEMA L6-20P power cord, 6 ft. (1.8 m)
- USB cable
- RS-232 cable
- Rack-mounting hardware
- Tower support stands
- Safety guide
- Quick Start Guide

INTERNAL BYPASS	Yes
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Resources

	Eaton 9PX lithium-ion UPS brochure
BROCHURES	Eaton Lithium-ion battery benefits Lithium-ion battery application note
COMPETITIVE COMPARISONS	9PX Lithium-ion UPS Competitive Comparison Battlecard
DRAWINGS	Eaton 9PX lithium-ion global 2-3 kVA 2D drawing
MANUALS AND USER GUIDES	Eaton 9PX lithium-ion UPS (1-3 kVA) user guide Eaton 9PX lithium-ion UPS technical specifications
SPECIFICATIONS AND DATASHEETS	Eaton 9PX lithium-ion UPS guide specification: 1-3 kVA Eaton Specification Sheet - 9PX3000GRT-L
WARRANTY GUIDES	Eaton 9PX lithium-ion UPS warranty

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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