

Specifications

Eaton 9PX6KP1G2

Eaton 9PXG2 6000VA 5400W 200-240V input, 120/240V output Online Double-Conversion UPS - L6-30P Input, 6x 5-20R, 1x L6-30R, 1x L14-30R Outlets, Cybersecure Network Card, Maintenance Bypass, 6U Rack/Tower

General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX6KP1G2
UPC	037332294302
PRODUCT LENGTH/DEPTH	27 in
PRODUCT HEIGHT	10.2 in
PRODUCT WIDTH	17.3 in
PRODUCT WEIGHT	203 lb
WARRANTY	3 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	9PX6KP1G2
PRODUCT TYPE	UPS

Battery

BATTERY MANAGEMENT

ABM+ technology uses battery replacement analytics to predict when you should replace UPS batteries based on real-life usage and conditions.

BATTERY REPLACEMENT

Hot-swappable internal batteries and extended battery modules (EBMs). Replacement battery part # EBP-1805 (qty 1 per UPS)

BATTERY TYPE

Sealed, lead-acid

EXTENDED BATTERY CAPABILITY

Add up to 12 EBMs, part # 9PXEBM180RTG2

Electrical input

INPUT CONNECTION

L6-30P

INPUT CORD LENGTH

6.5 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

Environmental

ALTITUDE

3000 m

BTU RATING

Online: 767 BTU/hr,
Battery: 1155 BTU/hr, High
Efficiency: 205 BTU/hr

NOISE LEVEL

<43 dB at 1 meter

RELATIVE HUMIDITY

0-95% non-condensing

TEMPERATURE RANGE

0° to 40°C (32° to 104°F)

Electrical output

RECEPTACLE

(6) 5-20R, (1) L6-30R, (1)
L14-30R

TOPOLOGY

Online/Double-conversion

WATTAGE

5400 W

VA RATING

6000 VA

OUTPUT WAVEFORM

True sine wave

VOLTAGE

120/240V

OUTPUT POWER FACTOR

0.9

OUTPUT VOLTAGE RANGE

±1% steady-state

OUTPUT FREQUENCY

50/60 Hz

Communications

EXPANSION SLOTS

(1) Mini-Slot (MS)
expansion port with
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

Additional specifications

SPECIAL FEATURES

Gigabit Network Card
(NETWORK-M3) included

RACK SIZE

6U

RACK MOUNTING KIT

Yes

EFFICIENCY AT MAX. LOAD

96%

PACKAGE CONTENTS

- 6000VA 5400W
120/208V 9PX G2
Online Double-
Conversion UPS
- 9XPPDM1G2
PowerPass
Distribution
Module with
Maintenance
Bypass
- NETWORK-M3

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- Gigabit network card
 - USB cable
 - RS-232 cable
 - Rack-mounting hardware
 - Tower support stands
 - Quick Start Guide

SURGE PROTECTION	Yes
INTERNAL BYPASS	Yes
OPTIONAL MOUNTING ACCESSORY NOTES	"2 post rackmount (RK2PC) - Model 9PX6KP1G2 requires 2 RK2PC for 2 post mounting, 1 per UPS and 1 per PPDM

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 5 years
- - 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 9PX3K3UG2, 9PX5KG2 and 9PX6KG2](#)

BROCHURES

[Eaton 9PX G2 UPS 3D model 9PXPPDM1G2](#)

[9PX G2 3-11kVA VRLA full brochure](#)

[9PX6KP1G2 feature focus](#)

DRAWINGS

[Eaton 9PX G2 UPS 9PX3K3UG2 9PX5KG2 9PX6KG2 2D drawing](#)

[Eaton 9PX G2 9PXPPDM1G2 2D drawing](#)

MANUALS AND USER GUIDES

[9PX G2 PPDM and TF advanced user guide](#)

[9PX G2 3-11kVA UPS and EBM advanced user guide](#)

TECHNICAL DATA SHEETS

[Eaton 9PX G2 UPS 5-6kVA technical specifications](#)

WARRANTY GUIDES

[9PX three year limited warranty](#)

WIRING DIAGRAMS

[9PXG2 3-6k UPS with 9PXPPDM1G2 Interconnect diagram](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

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