

Specifications



Eaton 9PX6KTF5G2

Eaton 9PXG2 6000VA 5400W 200-240V input, 120/208V output Online Double-Conversion UPS - L6-30P or Hardwired Input, 18x 5-20R, 2x L6-20R, 1x L6-30R Outlets, Cybersecure Network Card, 6U Rack/Tower

General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX6KTF5G2
UPC	037332294326
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 FCC Part 15 CE Marked
CERTIFICATIONS	cULus Listed IEC 62040-2:2006 Cat C2 NOM ENERGY STAR certified
GLOBAL CATALOG	9PX6KTF5G2
PRODUCT TYPE	UPS



Powering Business Worldwide

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

RUNTIME AT FULL LOAD

3 min. (5400W)

RUNTIME AT HALF LOAD

8.3 min

Electrical input

INPUT CONNECTION

L6-30P and hardwire input supported

INPUT CORD LENGTH

10 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

(18) 5-20R, (2) L6-20R, (1) L6-30R, Hardwire (200-240V)

TOPOLOGY

Online/Double-conversion

WATTAGE

5400 W

VA RATING

6000 VA

OUTPUT WAVEFORM

True sine wave

VOLTAGE

120/240V

OUTPUT POWER FACTOR

0.9 (240V L6-30P), 1.0 (hardwired input)

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
- 9PXTFMR5G2 120V step-down transformer
- NETWORK-M3

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- Gigabit network card
 - USB cable
 - RS-232 cable
 - Cable gland for hardwire connection
 - Rack-mounting hardware
 - Tower support stands
 - Quick Start Guide

SURGE PROTECTION	Yes
INTERNAL BYPASS	Yes
OPTIONAL MOUNTING ACCESSORY NOTES	2 post rackmount (RK2PC) - Model 9PX6KTF5G2 requires 2 RK2PC for 2 post mounting, 1 per UPS and 1 per transformer

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 9PXTFMR5G2](#)

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

[9PX6KTF5G2 feature focus](#)

CROSS REFERENCES

[9PX G2 VRLA battlecard](#)

DRAWINGS

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

[Eaton 9PX G2 9PXTFMR5G2 2D drawing](#)

MANUALS AND USER GUIDES

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

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

PRESENTATIONS

[9PX G2 UPS Presentation](#)

SPECIFICATIONS AND DATASHEETS

[9PX6KTF5G2 runtime graph](#)

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 9PXTFMR5G2 Interconnect diagram](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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