

# Specifications

## Eaton 9PX6KTF5G2



Eaton 9PXG2 6000VA 5400W 120/208V  
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

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 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	120/208V
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
FORM FACTOR	Rack/tower
RACK SIZE	6U
RACK MOUNTING KIT	Yes
EFFICIENCY	96%
PACKAGE CONTENTS	<ul style="list-style-type: none"><li>6000VA 5400W 9PX G2 Online Double-Conversion UPS</li><li>9PXTFMR5G2 120V step-down transformer</li><li>NETWORK-M3 Gigabit network card</li><li>USB cable</li><li>RS-232 cable</li><li>Cable gland for hardwire connection</li><li>Rack-mounting hardware</li><li>Tower support stands</li><li>Quick Start Guide</li></ul>

<b>SURGE PROTECTION</b>	Yes
<b>INTERNAL BYPASS</b>	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 5 years
- - Parts, electronics and UPS batteries coverage
- - 24x7 on-site labor coverage, next day response
- - Next-day shipping
- - Technical support

## Resources

### BROCHURES

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

[9PX6KTF5G2 feature focus](#)

### DRAWINGS

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

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

### SPECIFICATIONS AND DATASHEETS

[9PX6KTF5G2 runtime graph](#)

### TECHNICAL DATA SHEETS

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

### WARRANTY GUIDES

[9PX three year limited warranty](#)

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



**Eaton Corporation plc**

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

© 2025 Eaton. All Rights  
Reserved.

Eaton is a registered trademark.

All other trademarks are property of  
their respective owners.

Follow us on social media to get the latest  
product and support information.

