

Specifications

Eaton 9PX6KIECG2

Eaton 9PX Gen 2 UPS, 6000 VA, 5400 W,
Input: Hardwired or 10ft. L6-30P, Outputs: (6)
C39, (6) C13, 3U Rack/tower, VRLA battery,
Gigabit Network card included



General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX6KIECG2
UPC	786689860097
PRODUCT LENGTH/DEPTH	26.93 in
PRODUCT HEIGHT	5.12 in
PRODUCT WIDTH	17.32 in
PRODUCT WEIGHT	98.33 lb
WARRANTY	3 year limited
COMPLIANCES	CISPR22 Class A / FCC part 15 Class A FCC Part 15 CE Marked
CERTIFICATIONS	NOM cULus Listed IEC 62040-2:2006 Cat C2 ENERGY STAR certified ICC-ES AC156 OSHPD Seismic 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	• (6) C13, (6) C39 • C39 combo outlets accept C14 and C20 connectors
TOPOLOGY	Online/Double-conversion
WATTAGE	5400 W
VA RATING	6000 VA
OUTPUT WAVEFORM	True sine wave
VOLTAGE	208 V
OUTPUT POWER FACTOR	0.9 (240V L6-30P), 1.0 (hardwired input)
OUTPUT NOMINAL VOLTAGE	208V default (200/208/220/230/240V)
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	3U
RACK MOUNTING KIT	Yes
EFFICIENCY	96%
PACKAGE CONTENTS	• 6000VA 5400W 9PX IEC G2 Online Double-Conversion UPS • NETWORK-M3 Gigabit network card • USB cable • RS-232 cable • Cable gland for

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

- hardwire connection
- Rack-mounting hardware
- Tower support stands
- Quick Start Guide

SURGE PROTECTION

Yes

INTERNAL BYPASS

Yes

Resources

BROCHURES

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

[9PX6KIECG2 Feature Focus](#)

DRAWINGS

[Eaton 9PX G2 UPS 9PX6KIECG2 2D drawing](#)

SPECIFICATIONS AND DATASHEETS

[9PX6KIECG2 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.

