



# Eaton 9PX G2 UPS

Featuring advanced technology upgrades and customer-centric feature enhancements, Eaton's 9PX G2 online double-conversion UPS builds on the highly successful 9PX platform to create a best-in-class power management solution. Industry-leading hardware technology and Brightlayer software allow end users and service providers to deploy distributed edge applications with confidence, simplify fleet management and proactively monitor all critical equipment.

## More power in less space

Using wide-bandgap (WBG) technology, the 9PX G2 UPS maximizes usable output power and allows you to support more devices. Rack size is also reduced for several models. **11 kVA models offer full 11 kW output in only 4U!**

## Enhanced battery management

Lithium-ion (LiFePO<sub>4</sub>) batteries offer longer lifespan (8-10 years), longer runtime, faster recharge and lighter weight compared to VRLA. Eaton's battery management system (BMS) monitors lithium-ion battery health and proactively alerts which UPS or EBM battery pack requires replacement soon.

For VRLA models, Eaton's new ABM+ technology offers predictive battery replacement analytics, allowing the UPS to proactively alert the user of battery health and remaining service life based on actual usage and conditions. ABM+ prevents unexpected downtime caused by waiting too long and unnecessary expense caused by replacing too soon.

## Best-in-class efficiency

With up to 97% online efficiency, the 9PX G2 is the most efficient UPS in its class, reducing energy costs and TCO. All models are certified to the latest ENERGY STAR standards. Metered load segments help optimize energy use.



# EATON

Powering Business Worldwide

## Perfect for:

- Edge networks
- Distributed IT
- Mission-critical environments
- Data centers
- Server rooms
- Network closets
- Edge AI inferencing

## Maximum power reliability

With true online double conversion, up to 10 lithium-ion or 12 VRLA extended battery modules (EBMs) for increased runtime, hot-swappable batteries, internal bypass and optional 0U maintenance bypass, the 9PX G2 UPS is perfect for preventing costly downtime of critical equipment.

## High-visibility control panel

A high-contrast LCD that tilts up to 45 degrees for optimal viewing makes local management easy. The LCD displays key data like load, efficiency, runtime and alarms. A large color LED status bar below the LCD helps you diagnose the UPS from a distance, even in dark and crowded data centers.

## Simplified fleet management

Monitor and manage your UPS fleet remotely to maintain uptime and improve operational efficiency. For smaller environments, you can connect using a web browser and receive email alerts. For larger deployments in multiple locations, the 9PX G2 UPS integrates smoothly via SNMP with digital solutions from our [Brightlayer portfolio](#).

## Certified cybersecurity

The included cybersecure network management card (**NETWORK-M3**) complies with UL and IEC cybersecurity standards and provides zero-trust architecture, zero-touch provisioning and a user-configurable firewall. Remote firmware upgrade capability keeps your UPS fleet updated with the latest features and security.

## Ready for virtualization, HCI and AI

Brightlayer software enables intelligent coordination with virtualized, hyperconverged and generative AI infrastructures, including complex orchestrations during blackouts and other power events to extend runtime and preserve data.

## Eaton 9PX G2 UPS model selection guide

Catalog number	Rack size	Power rating (VA/watts)	Default AC input/output voltage	Maintenance bypass	Efficiency (online)	Input connection (HW = hardwired)	Output connections (HW = hardwired)	Unit dimensions (hwd) and weight
<b>Lithium-ion UPS with 208V output (200V, 208V, 220V, 230V, 240V)</b>								
9PX6KG2-L	3U	6000/5400*	208V	Optional	96%	HW or L6-30P, 10 ft.	HW + (2) L6-30R + (2) L6-20R	5.1 x 17.3 x 27 in., 77.6 lb.
9PX8KG2-L	4U	8000/8000	208V	Optional	96.5%	HW	HW + (4) L6-30R	6.8 x 17.3 x 28.6 in., 132.3 lb.
9PX11KG2-L	4U	11000/11000	208V	Optional	97%	HW	HW + (4) L6-30R	6.8 x 17.3 x 28.6 in., 132.3 lb.
<b>VRLA UPS with 208V output (200V, 208V, 220V, 230V, 240V)</b>								
9PX3K3UG2	3U	3000/3000	208V	Optional	96%	HW or L6-30P, 10 ft.	HW + (2) L6-30R + (2) L6-20R	5.1 x 17.3 x 27 in., 98.3 lb.
9PX5KG2	3U	5000/5000	208V	Optional	96%	HW or L6-30P, 10 ft.	HW + (2) L6-30R + (2) L6-20R	5.1 x 17.3 x 27 in., 98.3 lb.
9PX6KG2	3U	6000/5400*	208V	Optional	96%	HW or L6-30P, 10 ft.	HW + (2) L6-30R + (2) L6-20R	5.1 x 17.3 x 27 in., 98.3 lb.
9PX6KIECG2	3U	6000/5400*	208V	Optional	96%	HW or L6-30P, 10 ft.	HW + (6) C39 + (6) C13	5.1 x 17.3 x 27 in., 98.3 lb.
9PX8KG2	4U	8000/8000	208V	Optional	96.5%	HW	HW + (4) L6-30R	6.8 x 17.3 x 28.6 in., 173.7 lb.
9PX11KG2	4U	11000/11000	208V	Optional	97%	HW	HW + (4) L6-30R	6.8 x 17.3 x 28.6 in., 173.7 lb.
<b>VRLA UPS bundles with 208V or 208V + 120V output (Preconfigured bundles simplify configuration and deployment; other custom bundle options are available.)</b>								
9PX3K3UNP1G2	6U	3000/3000	208V/208V + 120V	Included	96%	L6-30P, 6.5 ft.	(1) L6-30R + (6) 5-20R + (1) L14-30R	10.2 x 17.3 x 27 in., 203 lb.
9PX3K3UNP2G2	6U	3000/3000	208V/208V + 120V	Included	96%	HW	HW	10.2 x 17.3 x 27 in., 203 lb.
9PX3K3UNT5G2	6U	3000/3000	208V/208V + 120V	Optional	96%	HW or L6-30P, 10 ft.	(1) L6-30R + (2) L6-20R + (18) 5-20R	10.2 x 17.3 x 27 in., 203 lb.
9PX5KP1G2	6U	5000/5000	208V/208V + 120V	Included	96%	L6-30P, 6.5 ft.	(1) L6-30R + (6) 5-20R + (1) L14-30R	10.2 x 17.3 x 27 in., 203 lb.
9PX5KP2G2	6U	5000/5000	208V/208V + 120V	Included	96%	HW	HW	10.2 x 17.3 x 27 in., 203 lb.
9PX5KTF5G2	6U	5000/5000	208V/208V + 120V	Optional	96%	HW or L6-30P, 10 ft.	(1) L6-30R + (2) L6-20R + (18) 5-20R	10.2 x 17.3 x 27 in., 203 lb.
9PX6KP1G2	6U	6000/5400	208V/208V + 120V	Included	96%	L6-30P, 6.5 ft.	(1) L6-30R + (6) 5-20R + (1) L14-30R	10.2 x 17.3 x 27 in., 203 lb.
9PX6KP2G2	6U	6000/5400	208V/208V + 120V	Included	96%	HW	HW	10.2 x 17.3 x 27 in., 203 lb.
9PX6KTF5G2	6U	6000/5400	208V/208V + 120V	Optional	96%	HW or L6-30P, 10 ft.	(1) L6-30R + (2) L6-20R + (18) 5-20R	10.2 x 17.3 x 27 in., 203 lb.
9PX8KMG2	4U	8000/8000	208V	Included	96.5%	HW	HW + (4) L6-30R	6.8 x 17.3 x 32.6 in., 188.7 lb.
9PX8KTF5G2	7U	8000/8000	208V/208V + 120V	Included	96.5%	HW	HW + (3) L6-30R + (18) 5-20R	12 x 17.3 x 32.6 in., 315 lb.
9PX11KMG2	4U	11000/11000	208V	Included	97%	HW	HW + (4) L6-30R	6.8 x 17.3 x 32.6 in., 188.7 lb.
9PX11KTF11G2	7U	11000/11000	208V/208V + 120V	Optional	97%	HW	HW + (8) 5-20R + (2) L14-30R + (4) L6-30R	12 x 17.3 x 28.6 in., 377 lb.
9PX11KTF11MG2	7U	11000/11000	208V/208V + 120V	Included	97%	HW	HW + (8) 5-20R + (2) L14-30R + (4) L6-30R	12 x 17.3 x 32.6 in., 392 lb.
9PX11KTF5G2	7U	11000/11000	208V/208V + 120V	Included	97%	HW	HW + (3) L6-30R + (18) 5-20R	12 x 17.3 x 32.6 in., 315 lb.

All models include a 5-year (lithium-ion) or 3-year (VRLA) limited warranty, network management card (NETWORK-M3), 4-post rack rail kit(s) and tower stands. Product certifications and compliance: UL (USA and Canada); CE (Europe); EN 62040-2; FCC Part 15 Class A (USA); NOM (Mexico); ENERGY STAR; RoHS. \* Maximum output for 6 kVA models: 5400W at 240V with L6-30P; 4800W at 208V with L6-30P; 6000W with hardwired input and 40A input breaker. Due to continuous improvement programs, all specifications are subject to change without notice.

### Transformers, PowerPass distribution modules (PPDMs), maintenance bypass modules and extended battery modules (EBMs)

Catalog number	Description
9PXTFMR5G2	9PX G2 5 kVA step-down transformer, 3U, L6-30P input, (18) 5-20R output.
9PXTFMR11G2	9PX G2 10 kVA step-down transformer, 3U, hardwired input, hardwired + (2) L14-30R + (8) 5-20R output.
9PXPPDM1G2	9PX G2 PowerPass distribution module (PPDM), 3U, L6-30P input, (1) L14-30R + (1) L6-30R + (6) 5-20R output, maintenance bypass switch. For 3-6 kVA models.
9PXPPDM2G2	9PX G2 PowerPass distribution module (PPDM), 3U, hardwired input, hardwired output, maintenance bypass switch. For 3-6 kVA models.
MBP6K208G2	9PX G2 hot-swap maintenance bypass module, hardwired + (2) L6-30R + (2) L6-20R output. For 9PX3K3UG2, 9PX5KG2, 9PX6KG2, 9PX6KIECG2, 3-6 kVA TF5G2 bundles and 9PX6KG2-L.
MBP6KIECG2	9PX G2 hot-swap maintenance bypass module, hardwired + (3) C39 + (2) C13 output. For 9PX3K3UG2, 9PX5KG2, 9PX6KG2, 9PX6KIECG2 and 9PX6KG2-L.
MBP11K208G2	9PX G2 hot-swap maintenance bypass module, hardwired + (4) L6-30R output. For 9PX8KG2, 9PX11KG2, 9PX11KTF11G2, 9PX8KG2-L and 9PX11KG2-L.
9PXEBM192RTG2-L	9PX G2 2U rack/tower EBM, 192V, lithium-ion. For 6-11 kVA 9PX G2 lithium-ion UPS. Up to 10 EBMs per UPS. 3.4 x 17.3 x 25.4 in., 77.1 lb. Includes 13.7 in. EBM cable.
9PXEBM180RTG2	9PX G2 3U rack/tower EBM, 180V VRLA. For 3-6 kVA 9PX G2 VRLA UPS. Up to 12 EBMs per UPS. 5.1 x 17.3 x 25 in., 144.8 lb. Includes 1 ft. EBM cable.
9PXEBM240RTG2	9PX G2 3U rack/tower EBM, 240V VRLA. For 8-11 kVA 9PX G2 VRLA UPS. Up to 12 EBMs per UPS. 5.1 x 17.3 x 26.4 in., 136.7 lb. Includes 1.3 ft. EBM cable.

### Network management accessories

Catalog number	Description
NETWORK-M3	Network management card with Web/SNMP and UL/IEC certified cybersecurity. (Included with all 9PX G2 UPS models listed above.)
INDGW-M3	Industrial gateway card with Web/SNMP, industrial protocol support and UL/IEC certified cybersecurity.
EMPDT1H1C2	Environmental monitoring probe with temperature, humidity and dry contact monitoring. (Connect up to three probes to NETWORK-M3 or INDGW-M3.)
RELAY-MS	Relay/serial interface card.

### Other hardware accessories

Catalog number	Description
RK2PC	2-post rack mounting rail kit for 9PX G2 UPS or EBM. (One kit required per cabinet.)
BINTSYS	Battery integration system. Vertical mounting platform with caster wheel kit. 1540 lb. weight capacity.

Learn more at: [Eaton.com/9PXG2](https://www.eaton.com/9PXG2)



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