

# EATON

# Powerware

## Powerware® 9125 2500/3000 PowerPass® PDM

Product Focus



### Product Snapshot

**Power rating:** 2500–3000 VA

**Voltage:** 120–240 Vac

**Frequency:** 50–60 Hz

**Configuration:** Plug and play  
and hardware

### Features

- Maintenance Bypass Switch to perform maintenance or upgrade your UPS without powering down your critical systems
- Expanded receptacle and hardwire configurations
- Galvanic isolation for increased protection
- Step-down transformer allows power output of 120V and a combination of 120V and 208V – 240V

The Powerware 9125 2500/3000 PowerPass is a power distribution module (PDM) designed to enhance the flexibility of the Powerware 9125 2500 & 3000 VA UPS. The PowerPass enables you to upgrade or replace the UPS while continuously providing power to your critical equipment.

With the Powerware 9125, Eaton delivers a best-in-class power solution for maximum system availability and peace of mind. Use the questions in this guide to correctly specify a Powerware 9125 2500/3000 PowerPass Module.

Incoming Utility Voltage

**1. What is the voltage of the incoming utility: 120, 208, 220, 230 or 240 volts?**

Note: For most U.S. facilities the incoming utility is 120V, 208V or 240V.

Input Voltage(s) Required

**2. What is the specified input voltage of the equipment to be protected?**

a. Your UPS requires a PowerPass if:

- The specified input voltage is a combination of 120V with 208V – 240V
- A maintenance bypass is required
- A hardwire connection is specified (See section 5d)
- Your UPS system requires galvanic isolation

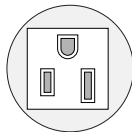
b. Your UPS may not require a PowerPass if the equipment specified input voltage is 208V – 240V.

Type No. Required

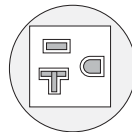
- 5-15R
- 5-20R
- L5-30R
- L6-30R
- L14-30R
- EC-320

**3. What are the receptacle types required for the equipment to be protected? How many receptacles are specified?**

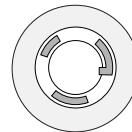
If your application requires hardwire installation, skip to section 5.



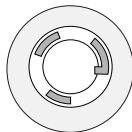
5-15R



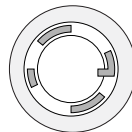
5-20R



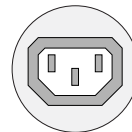
L5-30R



L6-30R



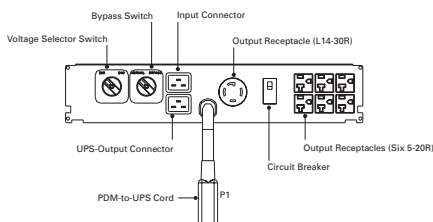
L14-30R



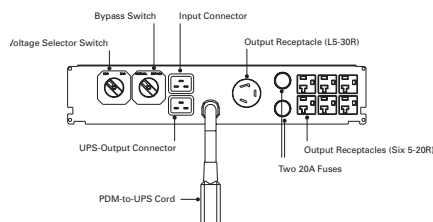
IEC-320

**4. Using the information compiled, select the appropriate PowerPass for your Powerware 9125 2500/3000 UPS application.**

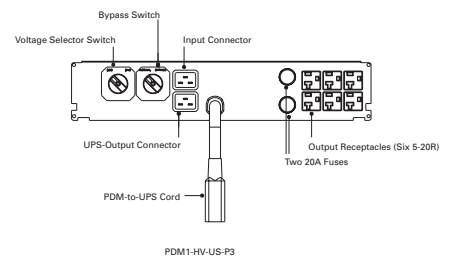
a. If incoming utility is 208, 230 or 240V and protected equipment requires 120, 208, 230 or 240V input, choose from these options:



**208V or 240V and 120V Output (Transformer)**  
**Part Number 103002739-5501**  
**Model Number PDM1-HV-US-P1**

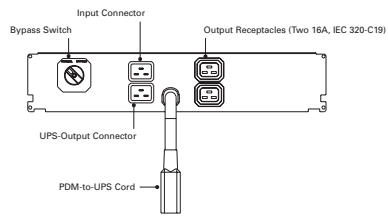


**120V Output (Transformer)**  
**Part Number 103002730-5501**  
**Model Number PDM1-HV-US-P2**

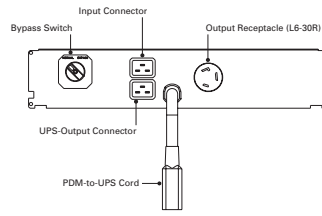


**120V Output (Transformer)**  
**Part Number 103002731-5501**  
**PDM1-HV-US-P3**

b. If incoming utility is 208V, 230V or 240V and protected equipment requires 208, 230 or 240V input, choose this PowerPass:

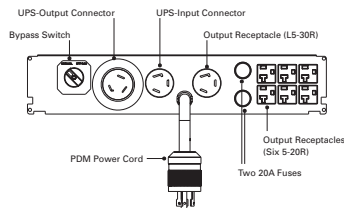


**208V, 230V or 240V Output**  
**Part Number 103002740-5501**  
**Model Number PDM2-HV-EU-P2**



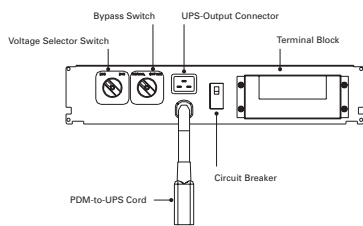
**208V or 240V Output**  
**Part Number 103002733-5501**  
**Model Number PDM2-HV-US-P1**

c. If incoming utility is 120V and protected equipment requires 120V input, choose this PowerPass:

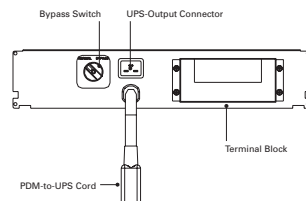


**120V Output**  
**Part Number 103002742-5501**  
**Model Number PDM2-LV-US-P1**

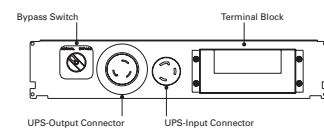
**5. If hardwire is specified, choose from these options:**



**208V or 240V Hardwire Input**  
**208V or 240V and 120V Hardwire Output**  
**(Transformer)**  
**Part Number 103002732-5501**  
**Model Number PDM1-HV-US-HW**



**208V, 230V or 240V Hardwire Input**  
**208V, 230V or 240V Hardwire Output**  
**Part Number 103002734-5501**  
**Model Number PDM2-HV-US-HW**



**120V Hardwire Input**  
**120V Hardwire Output**  
**Part Number 103002735-5501**  
**Model Number PDM2-LV-US-HW**

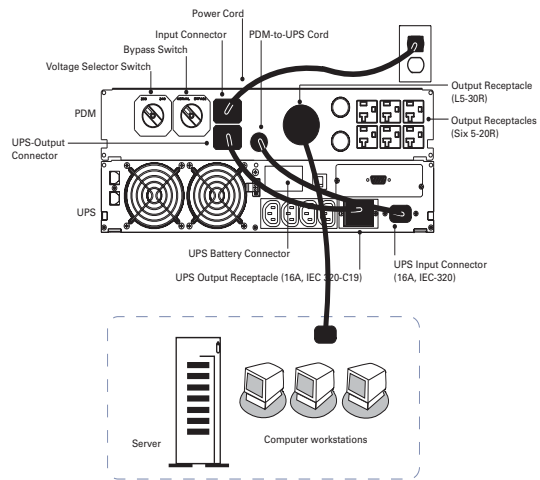
# Technical Specifications<sup>1</sup>

	<b>PDM1 Models</b>	<b>PDM2 Models</b>
Dimensions (HxWxD) in/cm	3.5 x 17.0 x 23.9	8.9 x 43.2 x 60.7
Weight (lb/kg)	76.0 / 34.5	20.0 / 9.0
Overcurrent Protection Fuses	Two 20 A Fuses PDM1–HV–US: Two 20 A fuses PDM1–HV–US–P1 and PDM1–HV–US–HW: 15 A circuit breaker	PDM2–LV–US–P1: Two 20 A fuses
Isolation Transformer	3 kVA: 208–240V Switch Selectable; 120/208–240V Output	None
Bypass Switch	30 A, 600V	30 A, 600V
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
Storage Temperature	–22°C to 55°C (–7°F to 131°F)	–22°C to 55°C (–7°F to 131°F)
Relative Humidity	5 – 95% noncondensing	5 – 95% noncondensing
Safety Conformance	UL 1778 CAN/CSA C22.2, No. 107.1, 107.2; N0m–019–SCFI PDM2–HV–EU–P2: EN 50091–1–1, IEC 950	UL 1778 CAN/CSA C22.2, No. 107.1, 107.2
Agency Markings	UL, cUL PDM2–HV–EU–P2: NEMKO only	UL, cUL PDM2–HV–EU–P2: NEMKO only
EMC (Class A)	FCC Part 15 Class A, ICES–003	EN 50091–2, FCC Part 15 Class A, ICES–003

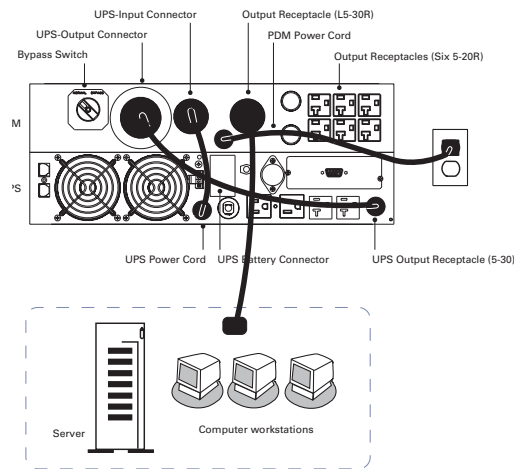
1. Specifications typical and subject to change without notice

## Powerware 9125 2500/3000 PowerPass Solution

### Typical High Voltage Installation



### Typical Low Voltage Installation



UNITED STATES  
8609 Six Forks Road  
Raleigh, NC 27615 U.S.A.  
Toll Free: 1.800.356.5794  
or 919.872.3020

www.powerware.com

CANADA  
Ontario: 416.798.0112  
Toll Free: 1.800.461.9166

LATIN AMERICA  
Argentina: 54.11.4343.6323  
Brazil: 55.11.3616.8500  
México: 52.55.5488.5252

EUROPE/MIDDLE EAST/AFRICA  
Denmark: 45.3686.7910  
Finland: 358.94.52.661  
France: 33.1.6012.7400  
Germany: 49.0.7841.604.0  
Italy: 39.02.66.04.05.40  
Norway: 47.23.03.65.50  
Sweden: 46.8.598.940.00  
United Kingdom: 44.1753.608.700

ASIA PACIFIC  
Australia/NZ: 61.2.9878.5000  
China: 86.21.6361.5599  
HK/Korea/Taiwan: 852.2745.6682  
India: 91.11.2649.9414 to 18  
Singapore/SEA: 65.6825.1668

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