

Powerware® 9125 2500/3000 PowerPass

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 120 V and a combination of 120 V and 208 V – 240 V

Snapshot

Power Rating: 2500-3000 VA

Voltage: 120 - 240 Vac

Frequency: 50 - 60 Hz

Configuration: Plug and Play and
Hardwire



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, Powerware 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 3000 PowerPass Module.



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.

1. _____

Incoming Utility Voltage

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

2. _____

a. Your UPS requires a PowerPass if:

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

Input Voltage(s) Required

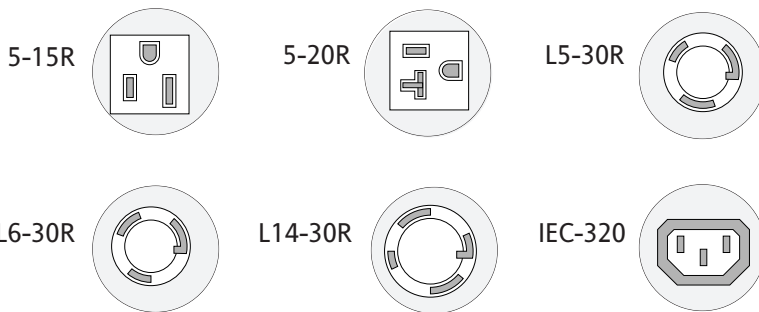
b. Your UPS may not require a PowerPass if the specified input voltage is 208 V–240 V.

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

3. Type No. Required

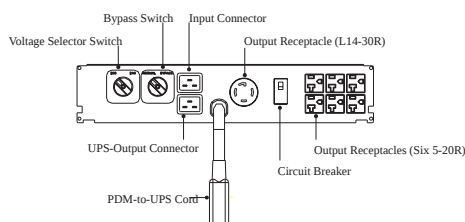
If your application requires hardwire installation, skip to section 5.

- ☐ 5-15R _____
- ☐ 5-20R _____
- ☐ L5-30R _____
- ☐ L6-30R _____
- ☐ L14-30R _____
- ☐ IEC-320 _____

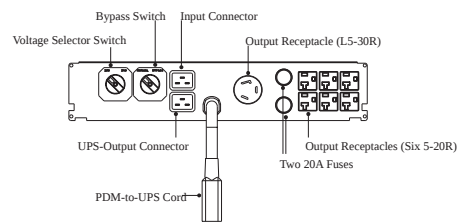


4. Using the information compiled, select the appropriate PowerPass for your Powerware 9125 2500/3000 UPS application.

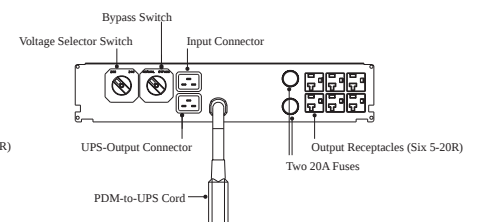
a. If incoming utility is 208, 230 or 240V and protected equipment requires 120, 208, 230 or 240V input, choose from these options:



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

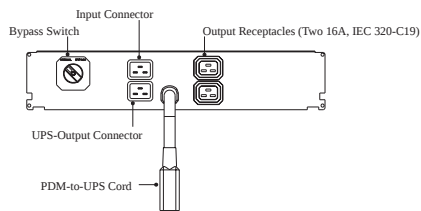


120 V Output (Transformer)
Part Number 103002730-5501
Model Number PDM1-HV-US-P2

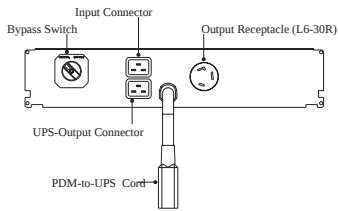


120 V Output (Transformer)
Part Number 103002731-5501
Model Number PDM1-HV-US-P3

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

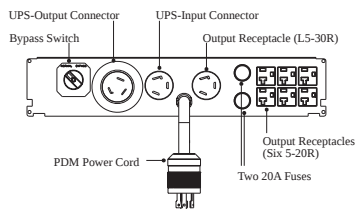


208 V, 230 V or 240 V Output
Part Number 103002740-5501
Model Number PDM2-HV-EU-P2



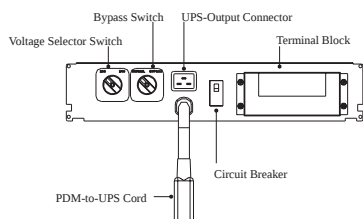
208 V or 240 V Output
Part Number 103002733-5501
Model Number PDM2-HV-US-P1

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

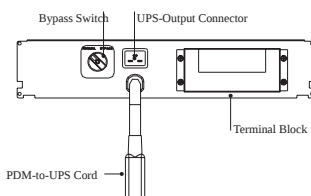


120V Output
Part Number 103002742-5501
Model Number PDM2-LV-US-P1

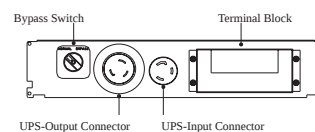
5. If hardwire is specified, choose from these options:



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



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



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

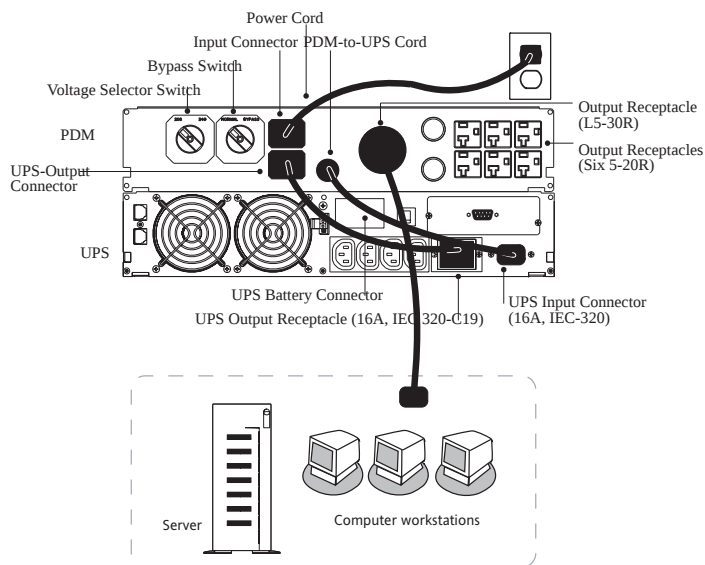
Technical Specifications¹

	PDM1 Models	PDM2 Models
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	Two 20A Fuses PDM1-HV-US-Two 20A fuses PDM1-HV-US-P1 and PDM1-HV-US-HW: 15A circuit breaker	PDM2-LV-US-P1: Two 20A fuses
Isolation Transformer	3kVA: 208 -240 V Switch Selectable; 120/208 - 240 V Output	None
Bypass Switch	30A, 600 V	
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-22°C to 55°C (-7°F to 131°F)	
Relative Humidity	5 - 95% noncondensing	
Safety Conformance	UL 1778 CAN/CSA C22.2, No. 107.1 107.2; NOm-019-SCFI	UL 1778 CAN/CSA C22.2, No. 107.1, 107.2 PDM2-HV-EU-P2: EN 50091-1-1, IEC 950
Agency Markings	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

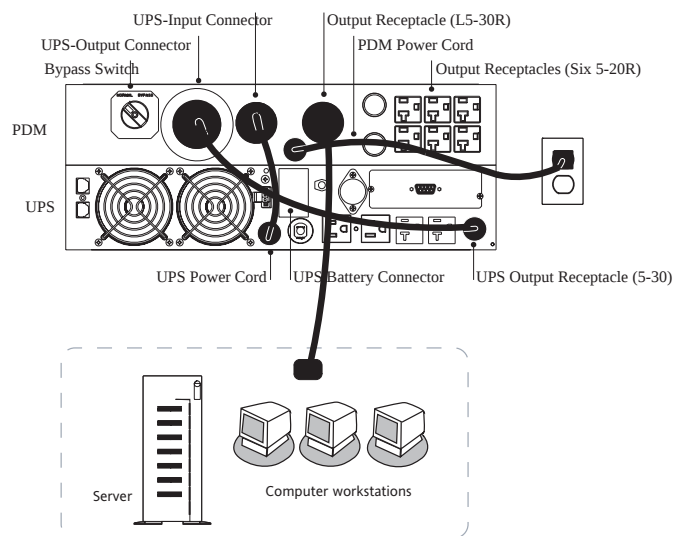
1. Specifications typical and subject to change without notice

Powerware 9125 2500/3000 PowerPass Solution

Typical High Voltage Installation



Typical Low Voltage Installation



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Reprint 2/03

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