

## **POWER DISTRIBUTION UNITS**

1U / 0U  
BASIC / METERED SERIES

## **USER MANUAL**

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## MODEL LIST

### 15A

### 20A

### 30A

#### Basic Series 1U

PDU15B8R	PDU20B10R	PDU30BT8F8R
PDU15B10R		PDU30BT10F10R
PDU15B12R	PDU20BHVT8R	
	PDU20BHVT12R	PDU30BHVT2F6R
PDU15B2F8R		PDU30BHVT4F8R
PDU15B2F10R	PDU20BHVIEC8R	
PDU15B2F12R	PDU20BHVIEC12R	
PDU15B4F12R	PDU20BHVCEE8R	
	PDU20BHVCEE12R	
PDU15B6F8R		
PDU15B6F12R		

#### Basic Series 0U

PDU15BV14F	PDU20BVT14F	PDU30BVHVT32F
	PDU20BV32F	

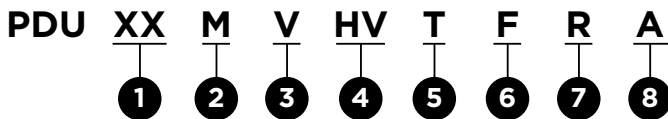
#### Metered Series 1U

PDU15M2F8R	PDU20M2F8R	PDU20MT2F10R
PDU15M2F10R	PDU20M2F10R	PDU20M2F12R
PDU15M2F12R		

#### Metered Series 0U

PDU15MV20F	PDU20MV20F	PDU30MVT24F
PDU15MV32F	PDU20MV32F	PDU30MVT32F
	PDU20MVT20F	PDU30MVHVT20F
		PDU30MVHVT30F
		PDU30MVHVT38F
	PDU20MVHVT20F	
	PDU20MVHVT30F	
	PDU20MVHVT38F	
	PDU20MVHVIEC20F	
	PDU20MVHVIEC30F	
	PDU20MVHVIEC38F	
	PDU20MVHVCEE20F	
	PDU20MVHVCEE30F	
	PDU20MVHVCEE38F	

## PDU NAMING CONVENTION



1	Amperage	15 = 10A, 12A / 20 = 16A / 30 = 24A
2	Series	B = Basic M = Metered
3	Rack Space	NULL = Horizontal V = Vertical
4	Input Voltage	NULL = 100 ~ 120V HV = High Voltage (200V ~ 240V)
5	Plug Type	NULL = NEMA 5-15P / 5-20P T = Twist NEMA L5-L6 IEC = IEC C14/C20 CEE = IEC 309
6	Outlet Number - Front	Number of Outlets followed by F Example 8F
7	Outlet Number - Rear	Number of Outlets followed by R Example 8R
8	Sales Version	Null = 1st SKU A = 2nd SKU B = 3rd SKU, etc.

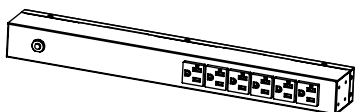
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## SAFETY PRECAUTIONS

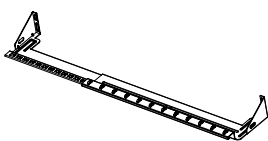
Read the following before installing or operating the Power Distribution Unit (PDU):

1. **CAUTION!** Use ONLY the supplied hardware (including screws, pegs and cord retainer clips) to attach the mounting brackets. Using different hardware or improper installations may cause damage that is NOT covered by this warranty.
2. The PDU must only be plugged into a three-wire, grounded outlet on a circuit protected by a fuse or circuit breaker. Connection to any other type of power outlet may result in a shock hazard.
3. Do not use extension cords or adapters with this PDU.
4. Never install a PDU, or associated wiring or equipment, during a lightning storm.
5. Check that the power cord, plug, and socket are in good condition.
6. **CAUTION!** To prevent the risk of fire or electric shock, this PDU should be installed in a temperature and humidity controlled indoor area free of conductive contaminants. Do not install this PDU where excessive moisture or heat is present.

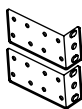
## PACKAGE CONTENTS



1



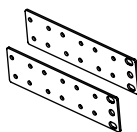
2



3



4



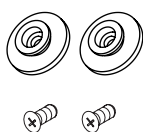
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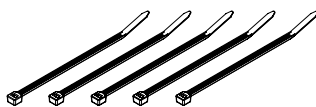
6



7



8



9



10

1. PDU
2. Cord Retention Tray (1/2/3/4 pcs - varies by model)
3. Mounting Brackets: horizontal - 1 set
4. Mounting Brackets: vertical - 1 set
5. Mounting Brackets: vertical - 1 set (OU models only)
6. Bracket Mounting Screws M4 x 6 (4 pcs)
7. Cord Retention Tray Mounting Screws M3 x 6 (4/8/12/16 pcs - varies by model)
8. Keyhold Mounting Pegs (2 pcs)  
Screws M4 x 6 (2 pcs)  
(OU models only)
9. Cable Ties  
(12/15/18/21/24/30/36/48/60/90/96/114 pcs - varies by model) for Cord Retention Tray
10. Ground Screw M4 X 6 or M5 X 6 (1pcs)
11. User's Manual
12. Product Registration Card



**CHECK!**

Before using, please check to ensure the package contains all the items shown above. If there are missing parts please contact CyberPower technical support at [www.cyberpower.com](http://www.cyberpower.com) or call 1-877-297-6937.

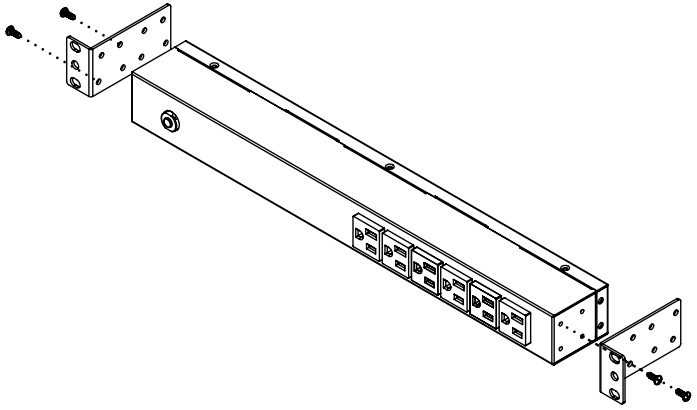
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## INSTALLATION

### Horizontal Installation for 1U Models

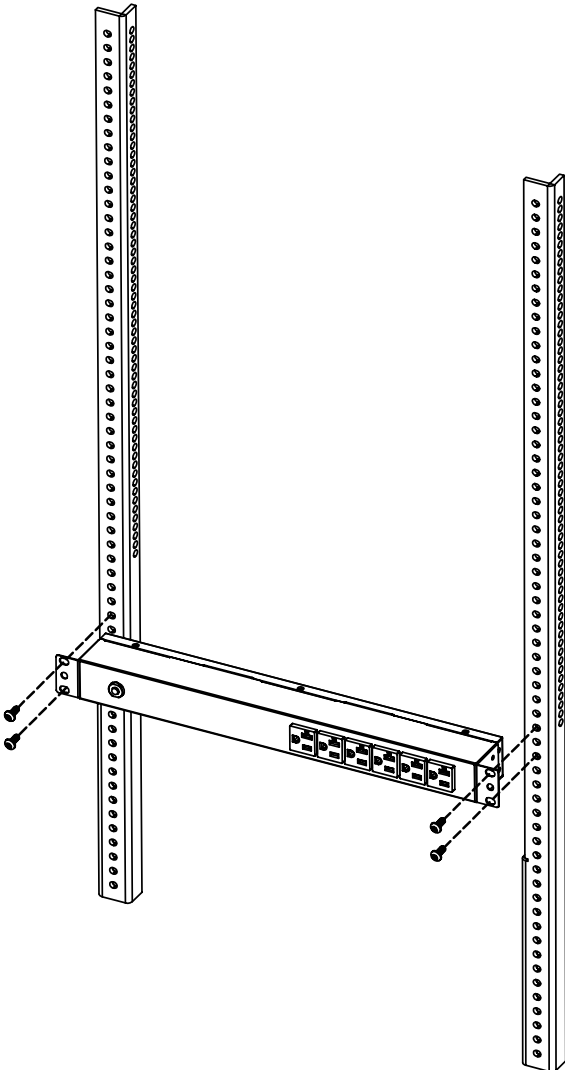
#### Step 1 - Mounting bracket installation

Install the screws (M4 X 6) in holes diagonal from each other.



#### Step 2 - PDU Mounting

Install the PDU using fasteners compatible with the rack.



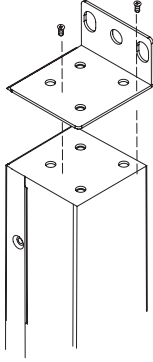
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## INSTALLATION

### Vertical Installation with Brackets

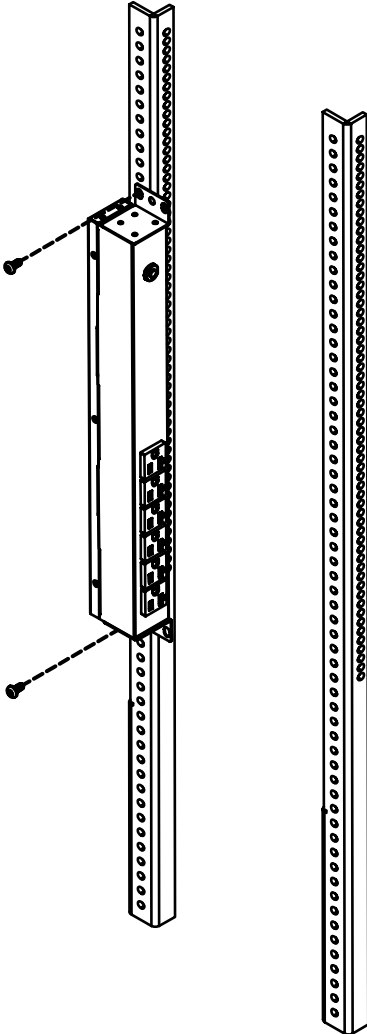
#### Step 1 - Mounting bracket installation

Install the screws (M4 X 6) in holes diagonal from each other.



#### Step 2 - PDU Mounting

Install the PDU using fasteners compatible with the rack.



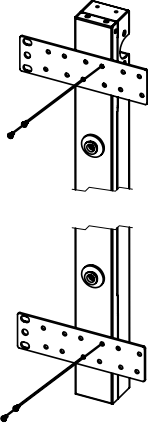
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## INSTALLATION

### Vertical Installation with Brackets - OU Models

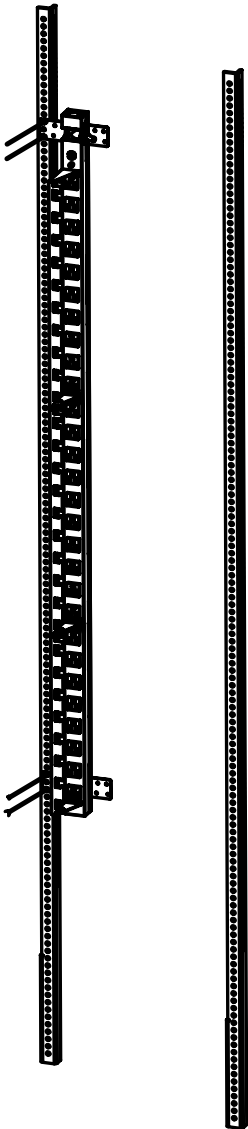
#### Step 1 - Mounting bracket installation

Attach the Vertical Mounting Brackets to the PDU with the four supplied Bracket Mounting Screws (M4 X 6).



#### Step 2 - PDU Mounting

Install the PDU using fasteners compatible with the rack.



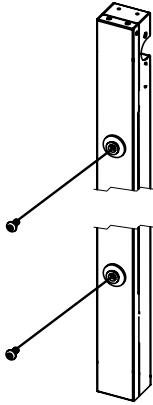
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## INSTALLATION

### Vertical Installation with Keyhole Mounts - OU Models

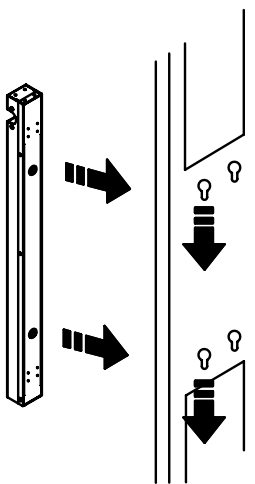
#### Step 1 - Keyhole Mount installation

Attach the Keyhole Mounting Pegs to the PDU with the two supplied Bracket Mounting Screws (M4 X 6).



#### Step 2 - PDU Mounting

Align the the Keyhole Mounts to the Keyhole Slots on the rack. Insert and slide down to lock firmly into place.



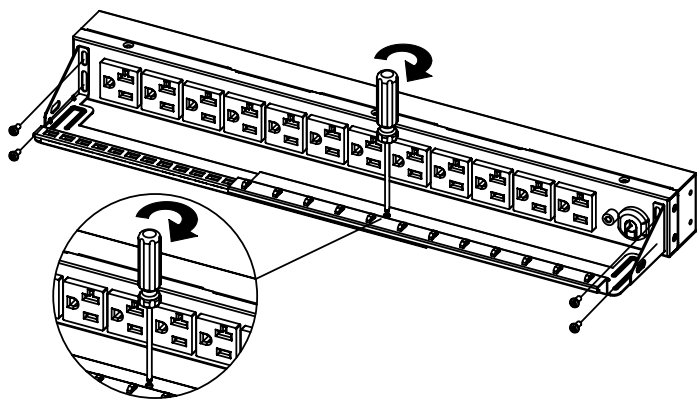
## INSTALLATION

### Cord Retention Tray Installation

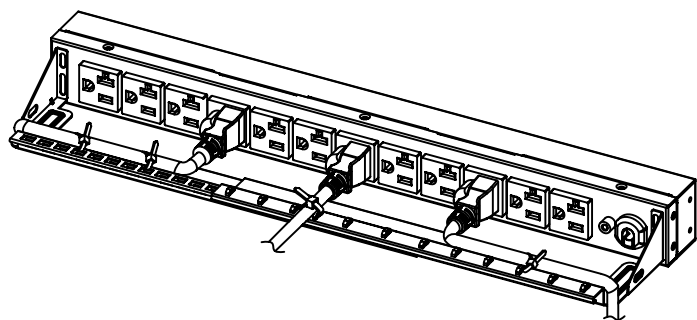
(Optional for both horizontal and vertical installations)

Adjust the length of the Cord Retention Tray until the screw hole on the Tray and PDU are aligned.

Attach the Cord Retention Tray to the PDU with the four supplied Cord Retention Tray Mounting Screws (M3 X 6). Tighten the Cord Retention Tray with the screw on it.

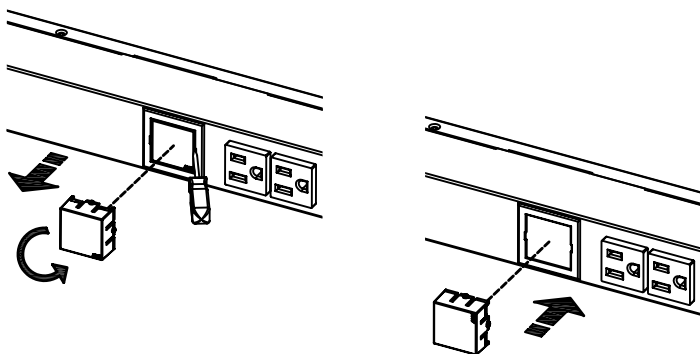


Use the Cable Ties provided to fasten each power cord to the Cord Retention Tray.



### Meter Configuration

Use a screwdriver to gently remove the LED Meter. Rotate the LED Meter 90 degrees, and insert back into the PDU.



CHECK!

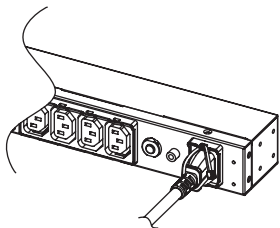
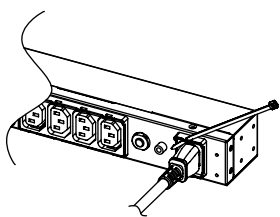
Depending on installation method (vertical or horizontal), the LED Meter may need to be rotated, before installation, for proper orientation.

## INSTALLATION

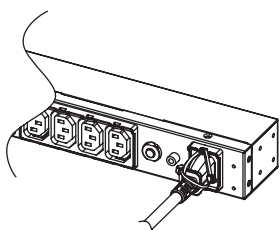
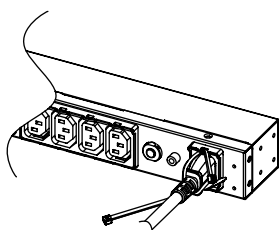
### Locking Power Cord - For IEC Type PDU

#### Input Power Cord

Step 1. Align and insert the cable tie from the upper side of the fixed stand and fasten it as shown below.

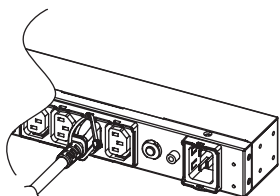
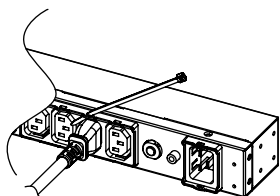


Step 2. Align and insert the cable tie from the bottom side of the fixed stand and fasten it as shown below.



#### Output Power Cord

Step 1. Align and insert the Cable Tie from the upper side of the Fixed Stand and fasten it as shown below.



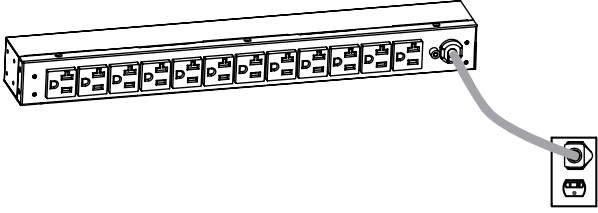
## INSTALLATION


### Electrical Installation

#### Step 1 - Receptacle evaluation

Ensure that the plug type of your PDU unit (e.g. NEMA 5-15P, NEMA 5-20P, NEMA L5-30P) matches the wall receptacle type that you are using.

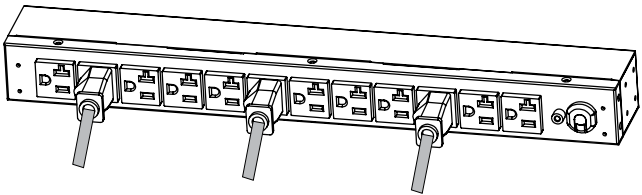
#### STEP 2 - Plug the PDU into the wall receptacle



 <b>CAUTION!</b>	<b>PDU must be plugged into a three-wire, grounded wall receptacle only. The wall receptacle must also be connected to an appropriate branch circuit/main with fuse or circuit breaker protection. Connection to any other type of wall receptacle may result in a shock hazard.</b>
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#### Step 3 - Attach equipment

Before attaching equipment, it is important to calculate the total load that you will be placing on the PDU. It is extremely important not to exceed the PDU's maximum current load (as outlined in the Specifications section). In order to determine your total load, simply add up the amperage of your devices and ensure that it does not exceed the unit's capacity.

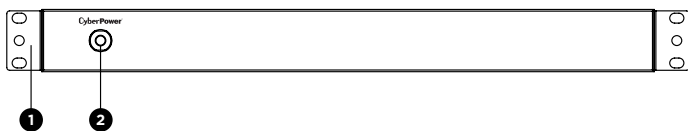


## TROUBLESHOOTING

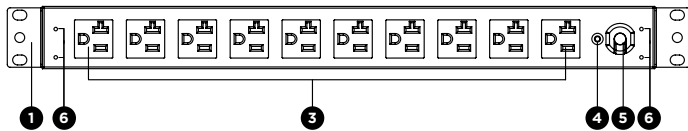
Problem	Possible Cause	Solution
PDU outlets do not provide power to connected equipment	<ol style="list-style-type: none"><li>1. Open breaker</li><li>2. Loose power cord</li></ol>	Reset Breaker check if plug is completely connected. If the problem remains contact tech support.
Amperage displayed on Amperage Meter exceeds the unit's capability (Metered type only)	<ol style="list-style-type: none"><li>1. Overload</li><li>2. Amperage meter is damaged</li></ol>	Reduce the load on the PDU until the overload is gone. If the problem remains contact tech support.
Circuit breaker has tripped	<ol style="list-style-type: none"><li>1. Sustained overload</li><li>2. Excessive ambient or internal temperatures</li><li>3. Faulty breaker</li></ol>	Reset Breaker. If the problem remains, contact technical support.

## PRODUCT FEATURES - BASIC SERIES 1U

### Front view



### Rear view



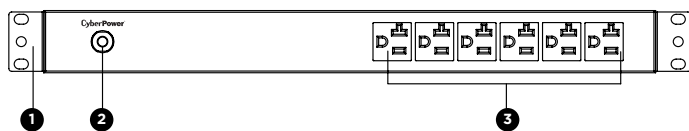
- |                      |                                       |
|----------------------|---------------------------------------|
| 1. Mounting Brackets | 4. External Site Ground               |
| 2. Circuit Breaker   | 5. AC Power Cord                      |
| 3. Rear Outlets      | 6. Cord Retention Tray<br>Screw Holes |

## TECHNICAL SPECIFICATIONS - BASIC SERIES 1U

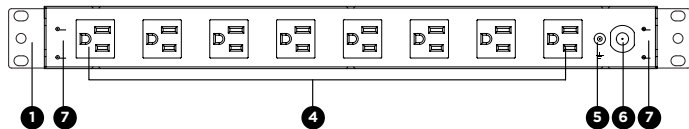
Model Name	PDU15B8R PDU15B10R PDU15B12R	PDU20B10R
<b>Input</b>		
Voltage	100 - 120 V	
Maximum Input Current	12A UL (Derated)	16A UL (Derated)
Circuit Breaker	15 A	20 A
Plug Type	NEMA 5-15P	NEMA 5-20P
Power Cord Length	15 ft / 4.6 m	
<b>Output</b>		
Voltage	100 - 120 V	
Maximum Output Current	12A UL (Derated)	16A UL (Derated)
Outlet Type	8 x NEMA 5-15R 10 x NEMA 5-15R 12 x NEMA 5-15R	10 x NEMA 5-20R
<b>Physical</b>		
Dimensions (H x W x D)	1.75 x 17.5 x 1.5 in. / 4.45 x 44.5 x 3.81 cm	
<b>Environmental</b>		
Humidity	0 to 95% Non-condensing	
Altitude	13,100 ft / 4,000m	
Temperature	32°F to 122°F / 0°C to 50°C	
<b>Safety Approvals</b>		
Certifications	UL62368 / UL60950-1 / RoHS	
Warranty	Lifetime	

## PRODUCT FEATURES - BASIC SERIES 1U

### Front view



### Rear view



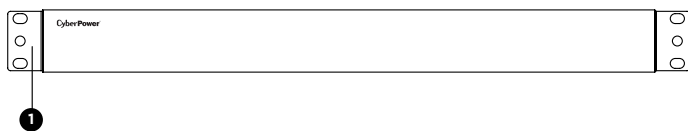
1. Mounting Brackets
2. Circuit Breaker
3. Front Outlets
4. Rear Outlets
5. External Site Ground
6. AC Power Cord
7. Cord Retention Tray Screw Holes

## TECHNICAL SPECIFICATIONS - BASIC SERIES 1U

<b>Model Name</b>	<b>PDU15B2F8R</b> <b>PDU15B2F10R</b> <b>PDU15B2F12R</b> <b>PDU15B4F12R</b> <b>PDU15B6F8R</b> <b>PDU15B6F12R</b>
<b>Input</b>	
Voltage	100 - 120 V
Maximum Input Current	12A UL (Derated)
Circuit Breaker	15 A
Plug Type	NEMA 5-15P
Power Cord Length	15 ft / 4.6 m
<b>Output</b>	
Voltage	100 - 120 V
Maximum Output Current	12A UL (Derated)
Outlet Type	10 x NEMA 5-15R 12 x NEMA 5-15R 14 x NEMA 5-15R 16 x NEMA 5-15R 14 x NEMA 5-15R 18 x NEMA 5-15R
<b>Physical</b>	
Dimensions (H x W x D)	1.75 x 17.5 x 2.25 in. 4.45 x 44.5 x 5.72 cm
<b>Environmental</b>	
Humidity	0 to 95% Non-condensing
Altitude	13,100 ft / 4,000m
Temperature	32°F to 122°F / 0°C to 50°C
<b>Safety Approvals</b>	
Certifications	UL62368 / UL60950-1 / RoHS
Warranty	Lifetime

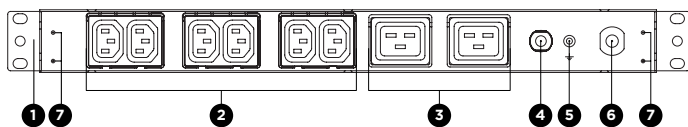
## PRODUCT FEATURES - BASIC SERIES 1U

### Front view

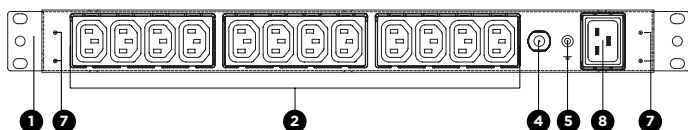


### Rear view

#### Twist Type



#### IEC Type



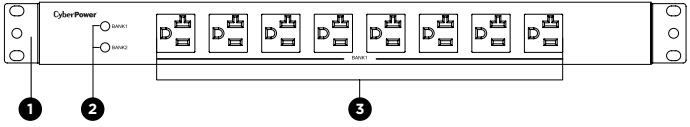
- |                                  |                                       |
|----------------------------------|---------------------------------------|
| 1. Mounting Bracket              | 5. External Site Ground               |
| 2. Back Outlets<br>(IEC 320 C13) | 6. AC Power Cord                      |
| 3. Back Outlets<br>(IEC 320 C19) | 7. Cord Retention Tray<br>Screw Holes |
| 4. Circuit Breaker               | 8. AC Inlet (IEC 320 C20)             |

## TECHNICAL SPECIFICATIONS - BASIC SERIES 1U

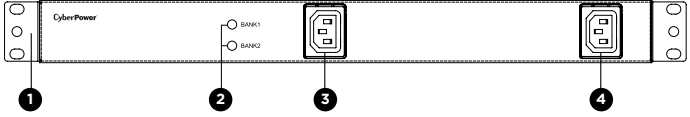
Model Name	PDU20BHVT8R PDU20BHVT12R	PDU20BHVIEC8R PDU20BHVIEC12R	PDU20BHVCEE8R PDU20BHVCEE12R
<b>Input</b>			
Voltage	200 - 240 V		
Maximum Input Current	16A CE, UL (Derated)		
Circuit Breaker	20 A		
Plug Type	NEMA L6-20P	IEC 320 C20	IEC 309 16A
Power Cord Length	10 ft / 3.0 m		
<b>Output</b>			
Voltage	200 - 240 V		
Maximum Output Current	16A CE, UL (Derated)		
Outlet Type	2 x IEC 320 C19 / 6 x C13 12 x IEC 320 C13		
<b>Physical</b>			
Dimensions (H x W x D)	1.75 x 17.5 x 1.5 in. / 4.45 x 44.5 x 3.81 cm		
<b>Environmental</b>			
Humidity	0 to 95% Non-condensing		
Altitude	13,100 ft / 4,000m		
Temperature	32°F to 122°F / 0°C to 50°C		
<b>Safety Approvals</b>			
Certifications	UL62368 UL60950-1 RoHS	UL62368 UL60950-1 RoHS / CE	CE
Warranty	Lifetime		

# PRODUCT FEATURES - BASIC SERIES 1U

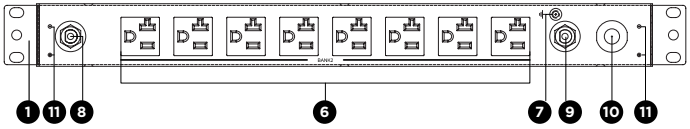
## Front View Normal Type



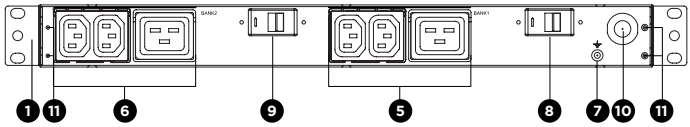
## High Voltage Type



## Rear View Normal Type



## High Voltage Type



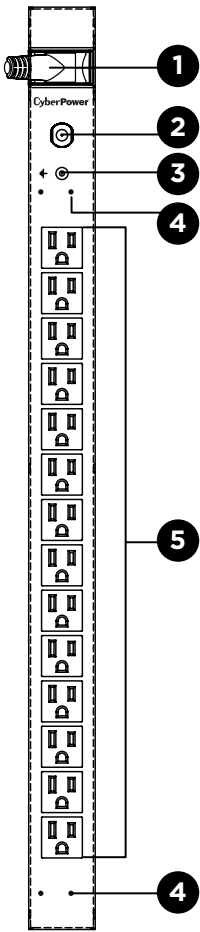
- |                         |                                        |
|-------------------------|----------------------------------------|
| 1. Mounting Bracket     | 7. External Site Ground                |
| 2. LED Indicators       | 8. Circuit Breaker (Bank 1)            |
| 3. Front Bank 1 Outlets | 9. Circuit Breaker (Bank 2)            |
| 4. Front Bank 2 Outlets | 10. AC Power Cord                      |
| 5. Rear Bank 1 Outlets  | 11. Cord Retention Tray<br>Screw Holes |
| 6. Rear Bank 2 Outlets  |                                        |

## TECHNICAL SPECIFICATIONS - BASIC SERIES 1U

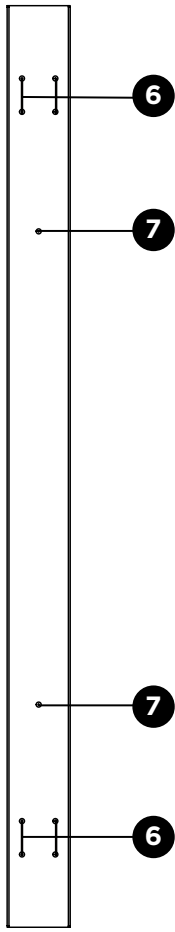
Model Name	PDU30BT8F8R PDU30BT10F10R	PDU30BHVT2F6R PDU30BHVT4F8R
<b>Input</b>		
Voltage	100 - 120 V	200 - 240 V
Maximum Input Current	24 A UL (Derated)	
Circuit Breaker	20 A x 2	
Plug Type	NEMA L5-30P	NEMA L6-30P
Power Cord Length	12 ft (3.7 m)	10 ft (3.0 m)
<b>Output</b>		
Voltage	100 - 120 V	200 - 240 V
Maximum Output Current	24 A UL (Derated)	
	16A (per bank)	20A (per bank)
Outlet Type	16 x NEMA 5-20R 20 x NEMA 5-20R	2 x IEC 320 C19 / 6 x C13 12 x IEC 320 C13
<b>Physical</b>		
Dimensions (H x W x D)	1.75 x 17.5 x 2.25 in. / 4.45 x 44.5 x 5.72 cm	
<b>Environmental</b>		
Humidity	0 to 95% Non-condensing	
Altitude	13,100 ft / 4,000m	
Temperature	32°F to 122°F 0°C to 50°C	32°F to 140°F 0°C to 60°C
<b>Safety Approvals</b>		
Certifications	UL62368 / UL60950-1 / RoHS	
Warranty	Lifetime	

**PRODUCT FEATURES - BASIC SERIES - OU**

**Front View**



**Rear View**



- 1. AC Power Cord
- 2. Circuit Breaker
- 3. External Site Ground
- 4. Cord Retention Tray Screw Holes
- 5. Front Outlets

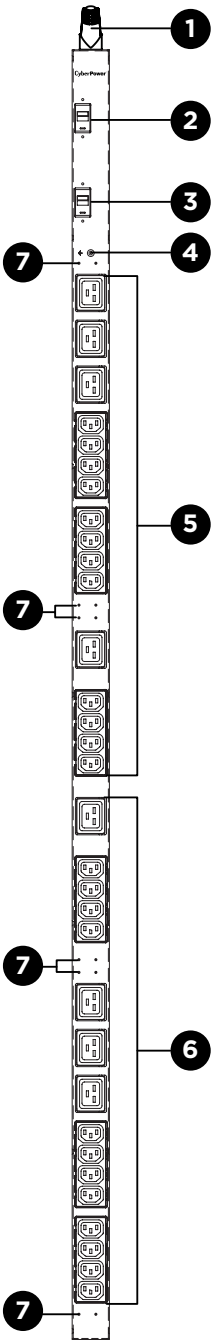
- 6. Bracket Screw Hole
- 7. Keyhole Mount Peg Screw Holes

## TECHNICAL SPECIFICATIONS - BASIC SERIES OU

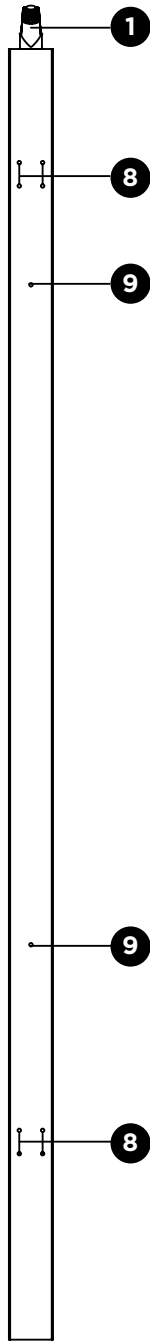
Model Name	PDU15BV14F	PDU20BVT14F	PDU20BV32F
<b>Input</b>			
Voltage	100 - 120 V		
Maximum Input Current	12A UL (Derated)	16A UL (Derated)	
Circuit Breaker	16 A	20 A	
Plug Type	NEMA 5-15P	NEMA L5-20P	NEMA 5-20P
Power Cord Length	10 ft / 3.0 m		
<b>Output</b>			
Voltage	100 - 120 V		
Maximum Output Current	12A UL (Derated)	16A UL (Derated)	
Outlet Type	14 x NEMA 5-15R	14 x NEMA 5-20R	32 x NEMA 5-20R
<b>Physical</b>			
Dimension (HxWxD)	24 x 1.75 x 1.5 in. 60.96 x 4.45 x 3.81 cm		70 x 1.75 x 1.5 in. 177.80 x 4.45 x 3.81 cm
<b>Environmental</b>			
Humidity	0 to 95% Non-condensing		
Altitude	13,100 ft / 4,000m		
Temperature	32°F to 122°F / 0°C to 50°C		
<b>Safety Approvals</b>			
Certifications	UL62368 / UL60950-1 RoHS		
Warranty	Lifetime		

**PRODUCT FEATURES - BASIC SERIES - OU**

**Front View**



**Rear View**



**High Voltage Type**

- 1. AC Power Cord
- 2. Circuit Breaker (Bank 1)
- 3. Circuit Breaker (Bank 2)
- 4. External Site Ground
- 5. Front Outlets (Bank 1)
- 6. Front Outlets (Bank 2)

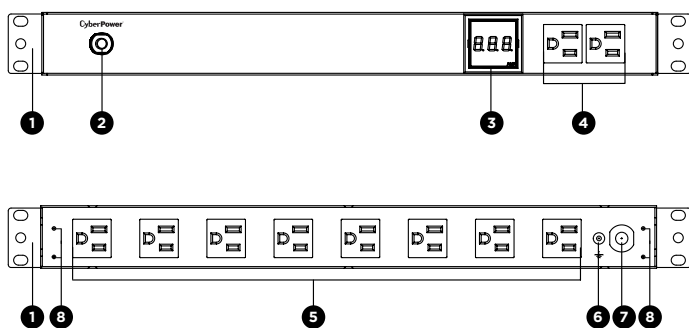
- 7. Cord Retention Tray Screw Holes
- 8. Bracket Screw Hole
- 9. Keyhole Mount Peg Screw Holes

**TECHNICAL SPECIFICATIONS - BASIC SERIES OU**

<b>Model Name</b>	<b>PDU30BVHVT32F</b>
<b>Input</b>	
Voltage	200 - 240 V
Maximim Input Current	24A UL (Derated)
Circuit Breaker	20 A x 2
Plug Type	NEMA L6-30P
Power Cord Length	10 ft / 3.0 m
<b>Output</b>	
Voltage	200 - 240 V
Maximum Output Current	24A UL (Derated) 20 A (per bank)
Outlet Type	8 x IEC 320 C19 / 24 x C13
<b>Physical</b>	
Dimensions (H x W x D)	60 x 1.75 x 2.25 in. 152.40 x 4.45 x 5.72 cm
<b>Environmental</b>	
Humidity	0 to 95% Non-condensing
Altitude	13,100 ft / 4,000m
Temperature	32°F to 122°F / 0°C to 50°C
<b>Safety Approvals</b>	
Certifications	UL62368 / UL60950-1 / RoHS
Warranty	Lifetime

## PRODUCT FEATURES - METERED SERIES 1U

### Front view



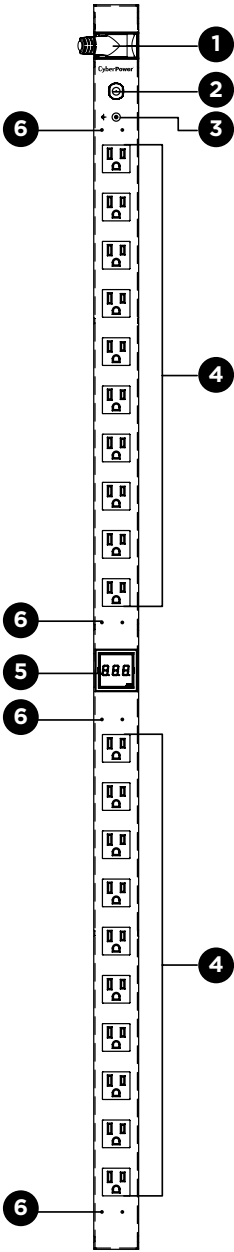
- |                      |                                    |
|----------------------|------------------------------------|
| 1. Mounting Bracket  | 6. External Site Ground            |
| 2. Circuit Breaker   | 7. AC Power Cord                   |
| 3. LED Meter Readout | 8. Cord Retention Tray Screw Holes |
| 4. Front Outlets     |                                    |
| 5. Rear Outlets      |                                    |

## TECHNICAL SPECIFICATIONS - METERED SERIES 1U

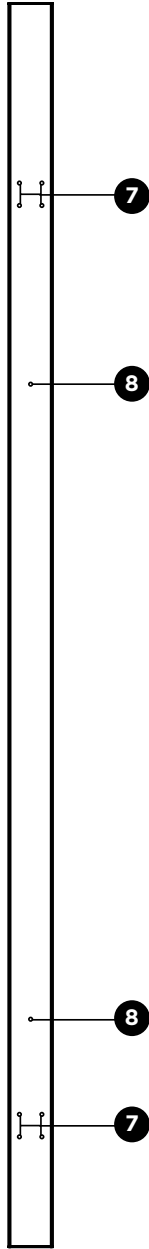
Model Name	PDU15M2F8R PDU15M2F10R PDU15M2F12R	PDU20M2F8R PDU20M2F10R PDU20M2F12R	PDU20MT2F10R
<b>Input</b>			
Voltage	100 - 120 V		
Maximum Input Current	12A UL (Derated)	16A UL (Derated)	
Circuit Breaker	15 A	20 A	
Plug Type	NEMA 5-15P	NEMA 5-20P	NEMA L5-20P
Power Cord Length	15 ft / 4.6 m		
<b>Output</b>			
Voltage	100 - 120 V		
Maximum Output Current	12A UL (Derated)	16A UL (Derated)	
Outlet Type	10 x NEMA 5-15R 12 x NEMA 5-15R 14 x NEMA 5-15R	10 x NEMA 5-20R 12 x NEMA 5-20R 14 x NEMA 5-20R	12 x NEMA 5-20R
<b>Physical</b>			
Dimensions (H x W x D)	1.75 x 17.5 x 2.25 in. / 4.45 x 44.5 x 5.72 cm		
<b>Environmental</b>			
Humidity	0 to 95% Non-condensing		
Altitude	13,100 ft / 4,000m		
Temperature	32°F to 122°F / 0°C to 50°C		
<b>Safety Approvals</b>			
Certifications	UL62368 / UL60950-1 / FCC Class A / RoHS		
Warranty	Lifetime		

# PRODUCT FEATURES - METERED SERIES - OU

### Front View



### Rear View



- 1. AC Power Cord
- 2. Circuit Breaker
- 3. External Site Ground
- 4. Front Outlets
- 5. LED Meter Readout
- 6. Cord Retention Tray Screw Holes
- 7. Bracket Screw Hole
- 8. Keyhole Mount Peg Screw Holes

## TECHNICAL SPECIFICATIONS - METERED SERIES - OU

Model Name	PDU15MV20F PDU15MV32F	PDU20MV20F PDU20MV32F	PDU20MVT20F
<b>Input</b>			
Voltage	100 - 120 V		
Maximum Input Current	12A UL (Derated)	16A UL (Derated)	
Circuit Breaker	15 A	20 A	
Plug Type	NEMA 5-15P	NEMA 5-20P	NEMA L5-20P
Power Cord Length	10 ft / 3.0 m		
<b>Output</b>			
Voltage	100 - 120 V		
Maximum Output Current	12A UL (Derated)	16A UL (Derated)	
Outlet Type	20 x NEMA 5-15R 32 x NEMA 5-15R	20 x NEMA 5-20R 32 x NEMA 5-20R	12 x NEMA 5-20R
<b>Indicators</b>			
Meter Readout	Amperage		
<b>Physical</b>			
Dimension (HxWxD)	48 x 1.75 x 2.25 in. 121.92 x 4.45 x 5.72 cm 70 x 1.75 x 2.25 in. 177.80 x 4.45 x 5.72 cm		48 x 1.75 x 2.25 in. 121.92 x 4.45 x 5.72 cm
<b>Environmental</b>			
Humidity	0 to 95% Non-condensing		
Altitude	13,100 ft / 4,000m		
Temperature	32°F to 122°F / 0°C to 50°C		
<b>Safety Approvals</b>			
Certifications	UL62368 / UL60950-1 / FCC Class A / RoHS		
Warranty	Lifetime		

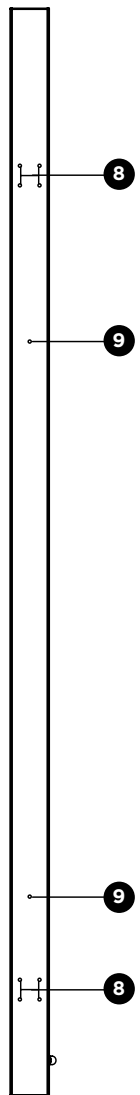
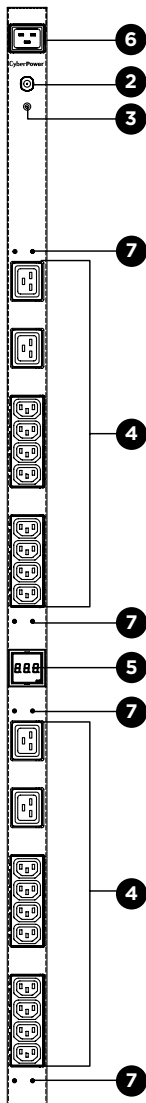
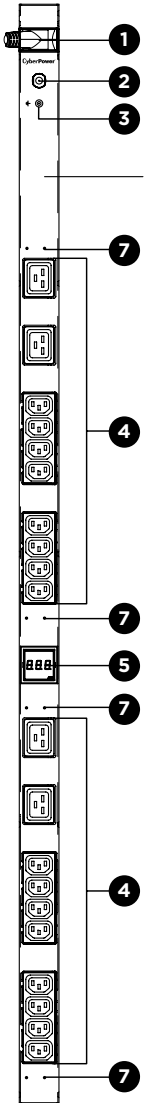
**PRODUCT FEATURES - METERED SERIES - OU**

**Front View**

**Rear View**

**Twist Type**

**High Voltage Type**



- 1. AC Power Cord
- 2. Circuit Breaker
- 3. External Site Ground
- 4. Front Outlets
- 5. LED Meter Readout
- 6. AC Inlet (IEC 320 C20)
- 7. Cord Retention Tray Screw Holes

- 8. Bracket Screw Hole
- 9. Keyhole Mount Peg Screw Holes

## TECHNICAL SPECIFICATIONS - METERED SERIES - OU

Model Name	PDU20MVHVT20F PDU20MVHVT30F PDU20MVHVT38F	PDU20MVHVIEC20F PDU20MVHVIEC30F PDU20MVHVIEC38F	PDU20MVHVCEE20F PDU20MVHVCEE30F PDU20MVHVCEE38F
<b>Input</b>			
Voltage	200 - 240 V		
Maximum Input Current	16A UL (Derated)		
Circuit Breaker	20 A		
Plug Type	NEMA L6-20P	IEC 320 C20	IEC 309 16A
Power Cord Length	10 ft / 3.0 m		
<b>Output</b>			
Voltage	200 - 240 V		
Maximum Input Current	16A UL (Derated)		
Outlet Type	4 x IEC 320 C19 / 16 x C13 6 x IEC 320 C19 / 24 x C13 8 x IEC 320 C19 / 30 x C13		
<b>Indicators</b>			
Meter Readout	Amperage		
<b>Physical</b>			
Dimension (HxWxD)	48 x 1.75 x 1.5 in. / 121.92 x 4.45 x 3.81 cm 60 x 1.75 x 1.5 in. / 152.40 x 4.45 x 3.81 cm 70 x 1.75 x 1.5 in. / 177.80 x 4.45 x 3.81 cm		
<b>Environmental</b>			
Humidity	0 to 95% Non-condensing		
Altitude	13,100 ft / 4,000m		
Temperature	32°F to 122°F / 0°C to 50°C		
<b>Safety Approvals</b>			
Certifications	UL62368 UL60950-1 FCC Class A RoHS	UL62368 UL60950-1 FCC Class A RoHS / CE	CE
Warranty	Lifetime		

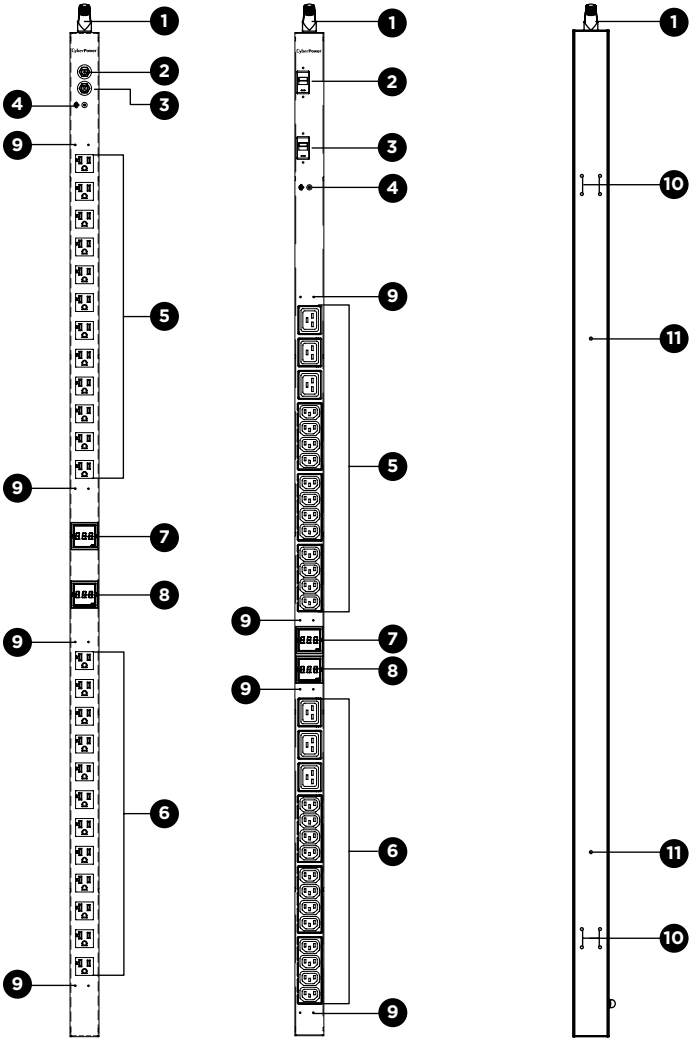
**PRODUCT FEATURES - METERED SERIES - OU**

**Front View**

**Rear View**

**Normal Type**

**High Voltage Type**



- 1. AC Power Cord
- 2. Circuit Breaker(Bank 1)
- 3. Circuit Breaker (Bank 2)
- 4. External Site Ground
- 5. Front Outlet (Bank 1)
- 6. Front Outlets (Bank2)
- 7. Meter Readout (Bank 1)
- 8. Meter Readout (Bank 2)
- 9. Cord Retention Tray Screw Holes
- 10. Bracket Screw Hole
- 11. Keyhole Mount Peg Screw Holes

## TECHNICAL SPECIFICATIONS - METERED SERIES - OU

Model Name	PDU30MVT24F PDU30MVT32F	PDU30MVHVT20F PDU30MVHVT30F PDU30MVHVT38F
<b>Input</b>		
Voltage	100 - 120 V	200 - 240 V
Maximim Input Current	24 A UL (Derated)	
Circuit Breaker	20 A x 2	
Plug Type	NEMA L5-30P	NEMA L6-30P
Power Cord Length	10 ft (3.0 m)	
<b>Output</b>		
Voltage	100 - 120 V	200 - 240 V
Maximim Output Current	24 A UL (Derated)	
	16A (per bank)	20A (per bank)
Outlet Type	24 x NEMA 5-20R 32 x NEMA 5-20R	4 x IEC 320 C19 / 16 x C13 6 x IEC 320 C19 / 24 x C13 8 x IEC 320 C19 / 30 x C13
<b>Physical</b>		
Dimension (WxDxH)	60 x 1.75 x 2.25 in. 152.40 x 4.45 x 5.72 cm 70 x 1.75 x 2.25 in. 177.80 x 4.45 x 5.72 cm	48 x 1.75 x 2.25 in. 121.92 x 4.45 x 5.72 cm 60in. x 1.75in. x 2.25 in. 152.40 x 4.45 x 5.72 cm 70 x 1.75 x 2.25 in. 177.80 x 4.45 x 5.72 cm
<b>Environmental</b>		
Humidity	0 to 95% Non-condensing	
Altitude	13,100 ft / 4,000m	
Temperature	32°F to 122°F 0°C to 50°C	32°F to 140°F 0°C to 60°C
<b>Safety Approvals</b>		
Certifications	UL62368 / UL60950-1 FCC Class A / RoHS	
Warranty	Lifetime	

## CONFORMANCE APPROVALS



### FCC Warning

**WARNING!** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**WARNING!** This equipment has been tested and found to comply with the limits for a Class A Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Notice:** (1) An unshielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord is used. (2) Use only shielded cables to connect I/O devices to this equipment.

**Note:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

The Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.

Cet appareil numérique de la class A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

### European Union

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**⚠WARNING:** This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer, and Bisphenol-A, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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## **CUSTOMER SERVICE & WARRANTY**

### **Product Registration**

Thank you for purchasing a CyberPower product. Prompt product registration entitles coverage under the Limited Warranty and also allows the opportunity to be notified of product enhancements, upgrades, and other announcements.

Registration is quick and easy at:

[www.cyberpowersystems.com/registration](http://www.cyberpowersystems.com/registration) (for USA and Canada) or [www.cyberpower.com/registration](http://www.cyberpower.com/registration) (for all other regions).

### **Limited Warranty**

Please visit [www.CyberPowerSystems.com](http://www.CyberPowerSystems.com) for a copy of the Limited Warranty.

### **Customer Service**

#### **Cyber Power International**

Feel free to contact our Tech Support department with installation, troubleshooting, or general product questions.

Cyber Power Systems, Inc.

Web: [www.cyberpower.com](http://www.cyberpower.com)

For USA and Canada:

4241 12th Ave East, Suite 400

Shakopee, MN 55379

Toll-free: (877) 297-6937

For all other regions:

Please visit our website for local contact information.

