RACKBAR SURGE PROTECTORS

CPS815RMS / CPS1615RMS

USER MANUAL

Front View
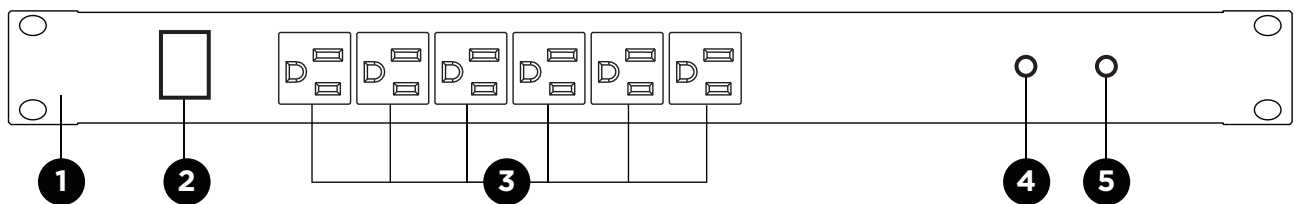
Rear View
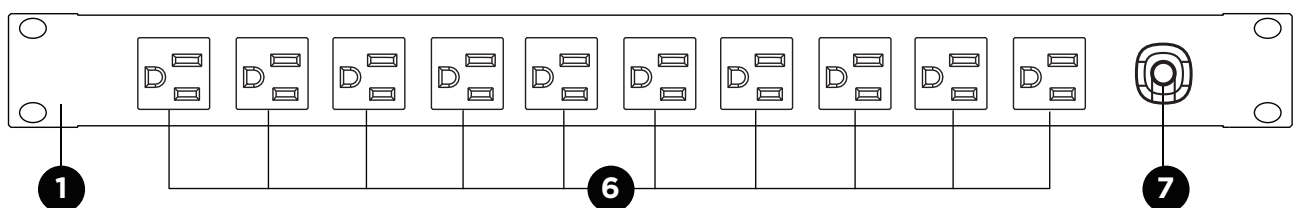
1 Mounting Bracket

2 Circuit Breaker

3 Front Outlets (CPS1615RMS)

4 Grounded LED Indicator

5 Protected LED Indicator

6 Rear Outlets

7 AC Power Cord

PRODUCT REGISTRATION

Thank you for purchasing a CyberPower product. This product is designed to provide unsurpassed power protection, operation, and performance during the lifetime of the product. Please take a few minutes to register your product at: **www.CyberPowerSystems.com/registration**.

Registration certifies your product's warranty, confirms your ownership in the event of a product loss or theft, and entitles you to free technical support. Register your product now to receive the benefits of CyberPower ownership.

TO REDUCE THE RISK OF ELECTRIC SHOCK:

Use only in dry locations and only indoors.

DO NOT plug into another relocatable power tap.

DO NOT "daisy chain" surge protectors.

DO NOT use with any aquarium equipment.

DO NOT use if properly grounded outlets are not available.

DO NOT install this device if there is less than 10 meters (30 feet) of wire between the electrical outlet and electrical service panel.

DO NOT use for medical or life support equipment. This device features an internal protection that will disconnect the surge protective component at the end of its useful life, but it will maintain unprotected power to the load.

WARNING To prevent the risk of fire or electric shock, this RKBS should be installed in a temperature and humidity controlled indoor area free of conductive contaminants. Do not install this RackBar where excessive moisture or heat is present.

SAFETY PRECAUTIONS

Read the following before installing or operating the RackBar Surge:

- **ONLY** use the supplied hardware to attach the mounting brackets.

- The RackBar 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.

- **DO NOT** use extension cords or adapters with this RackBar.

- **NEVER** install a RackBar, or associated wiring or equipment, during a lightning storm.

- Ensure that the power cord, plug, and socket are in good condition.

- This device features an internal protection that will disconnect the surge protective component at the end of its useful life but will maintain power to the load — now unprotected. If this situation is undesirable for the application, follow the manufacturer's instructions for replacing the device.

- **CAUTION!** Do not install this device if there is not at least 10 meters (30 feet) or more of wire between the electrical outlet and the electrical service panel.

- **CAUTION!** To prevent the risk of fire or electric shock, this RackBar should be installed in a temperature and humidity controlled indoor area free of conductive contaminants. Do not install this RackBar where excessive moisture or heat.

PRÉCAUTIONS DE SÉCURITÉ

Lisez ce qui suit avant d'installer ou d'utiliser les RackBar Sures:

- Utilisez uniquement le matériel fourni pour fixer les supports de montage.

- La RackBar doit être branchée sur une prise à trois fils mise à la terre sur un circuit protégé par un fusible ou un disjoncteur. La connexion à tout autre type de prise de courant peut provoquer un choc électrique.

- N'utilisez pas de rallonges ni d'adaptateurs avec cette RackBar.

- N'installez jamais une RackBar ni le câblage ou l'équipement associé pendant un orage.

- Assurez-vous que le cordon d'alimentation, la fiche et la prise sont en bon état.

- Cet appareil est doté d'une protection interne qui déconnectera le composant de protection contre les surtensions à la fin de sa vie utile, tout en maintenant l'alimentation de la charge, désormais non protégée. Si cette situation n'est pas souhaitable pour l'application, suivez les instructions du fabricant pour remplacer le périphérique.

- **ATTENTION!** NE PAS installer cet appareil si la prise secteur est reliée au panneau d'entrée d'électricité à une distance inférieure à 30 pieds (10 mètres).

- **ATTENTION!** Pour éviter tout risque d'incendie ou de choc électrique, ce RackBar doit être installé dans une zone intérieure à température et humidité contrôlées, exempt de contaminants conducteurs. N'installez pas ce RackBar en présence d'humidité excessive ou de chaleur.

INTRODUCTION

Unpacking

Inspect the RackBar surge upon receipt. The box should contain the following:

(a) RackBar Surge Unit

(b) User Manual

INSTALLATION

Mounting

Install the RackBar using the fasteners that are compatible with the rack.

Electrical Installation

1. Receptacle evaluation

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

RackBar 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.
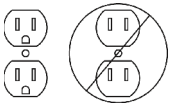
2. Plug the RackBar into the wall receptacle.

3. Attach equipment

Before attaching equipment, it is important to calculate the total load that you will be placing on the RackBar. It is extremely important not to exceed the RackBar'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.

4. Verify protection

Verify that both the Grounded and Protected LEDs are illuminated. This means that the RackBar is properly grounded and is protecting the equipment from surges.

Grounded LED (Green)   **Protected LED (Green)**
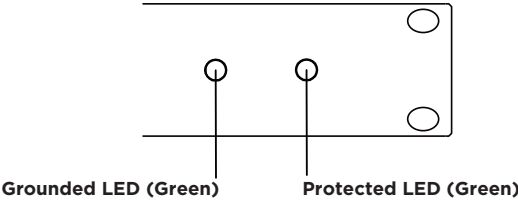
TECHNICAL SPECIFICATIONS

Model Name	CPS815RMS / CPS1615RMS
Input	
Voltage	125 V
Frequency	60 Hz
Maximum Current	15 A
Circuit Breaker	15 A
Plug Type	NEMA 5-15P
Power Cord Length	6 ft. / 1.83 m
Output	
Voltage	125 V
Maximum Current	15 A
Outlet Type	NEMA 5-15R
Surge Protection & Filtering	
EMI / RFI Filtration	Yes
Surge Suppression	1800 J
Management & Communications	
LED Indicators	Grounded (green) / Protected (green)
Physical	
Dimensions Height/Width/Depth	19.0 x 1.75 x 4.6 in. / 483 x 44 x 117 mm
Environmental	
Operating Relative Humidity	0 to 95% Non-condensing
Operating Elevation	9,843 ft. / 3,000 m
Operating Temperature	32°F to 95°F / 0°C to 35 °C
Safety Approvals	
Certifications	UL 1363 / UL 1449 / RoHS

TROUBLESHOOTING

Problem	Possible Cause	Solution
RackBar Outlets do not provide power to connected equipment	Open breaker	Reset overload protection switch check if plug is completely connected. If the problem remains. contact CyberPower Systems at: cyberpowersystems.com/support.
	Loose power cord	
Overload protection switch has tripped	Sustained overload	Reset overload protection switch. If the problem remains, contact CyberPower Systems at: cyberpowersystems.com/support.
	Excessive ambient or internal temperatures	
	Faulty breaker	
Protected LED is not illuminated	Surge protection is exhausted.	Contact CyberPower Systems at: cyberpowersystems.com/support.
Grounded LED is not illuminated	Ground circuit is open.	Check the site ground. If the site ground is good the RackBar may be faulty. Contact CyberPower Systems at: cyberpowersystems.com/support.

LIMITED WARRANTY AND CONNECTED EQUIPMENT GUARANTEE

Please visit www.CyberPowerSystems.com for a copy of the Limited Warranty and Connected Equipment Guarantee.

Where Can I Get More Information?

The application of the United Nations Convention of Contracts for the International Sale of Goods is expressly excluded. CyberPower is the warrantor under this Limited Warranty.

For further information please feel free to contact CyberPower at:

Cyber Power Systems (USA), Inc.
4241 12th Ave E., STE 400, Shakopee, MN 55379;
call us at **(877) 297-6937**; or submit a web ticket online at **cyberpowersystems.com/support**.

WARNING: This product can expose you to chemicals including bisphenol A (BPA) and styrene, which is known to the State of California to cause reproductive harm and cancer. For more information, go to www.P65Warnings.ca.gov.