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## COVER STORY

### *Protecting You by Protecting Your Power*

Power distribution is when one power source distributes power to multiple outlets. So, what is a PDU? PDU stands for Power Distribution Unit, a device used to distribute power to the multiple outlets we mentioned before. There are many different PDU options available. You can learn more reading our blog post, titled *"Power Distribution Units"*.

GFCI stands for Ground Fault Circuit Interrupter. It interrupts power when a leakage occurs. GFCI outlets and duplexes are installed in locations where moisture and running water are present. They are designed to trip the power quickly when moisture is present. GFCI often have power indicator lights and a reset button. The reset button lets you fix the problem and easily turn the power back on. Learn more about GFCI and other power interrupters in our blog post titled *"GFCI and Other Protected Outlets"*. If you try to fix the problem by resetting the breaker or GFCI and the problem is not solved, it is best to contact a professional.

Circuit breakers protect you from accidental amperage overload, which has the potential for fire. When the breaker trips, due to an overload, all you have to do is fix the problem is unplug the devices, then push the button, and it resets. Circuit breakers protect your devices when in use.

Power distribution units (PDU's) are used in many situations. One common use are servers for overload protection. There are many other common uses including, tanning beds, treadmills, commercial printers, sauna's, crown audio, septic pump, pool pumps, and more.

It is important to protect your power for many reasons. The biggest reason being safety. There are many hazards when dealing with power, like overheating, fire hazards, and electrocution. You invest a lot of your time, money, and resources into things like your home, vehicles, boats, campers, and the many electronic devices in and around those places. Because of this, it is important to keep them safe and working for as long as possible.

## FEATURED PRODUCTS

### *WDL1520650-018*

This AC WORKS® brand welder adapter is very durable. The adapter is a 3-Phase 20 Amp, 250 Volt locking NEMA L15-20P male plug. The NEMA 6-50R is a 50 Amp, 250 Volt female connector. It is 1.5-feet in length and the cable is an STW, 10/3, heavy-duty 600 Volt outdoor jacket with a maximum operating power of 7500 Watts.

- NEMA L15-20P to NEMA 6-50R
- NEMA L15-20P, 20 Amp, 250 Volt Locking Plug
- NEMA 6-50R, 50 Amp, 250 Volt Welder Outlet
- Heavy-Duty Super Durable Adapter Cord STW, 10/3, 600 Volt Heavy-duty Outdoor Jacket with 30 Amp Copper Wire



## TIPS FROM TONY

The center pin in a CS6364 connector has no electrical connectivity. It is there to act only as a guide. NEMA SS2-50R is basically the same, but just doesn't have the center pin installed. Most of the time, these two connectors can be used interchangeably.



## FEATURED PRODUCTS

L1420F520-05BKL

This AC WORKS® brand locking power strip cord is 5ft long and is heavy-duty. The adapter has a NEMA L14-20P 20 Amp 125/250 Volt locking plug to (4) NEMA 5-15/20R 20 Amp T-blade household female connectors. The cable is SJTW, 10/4, 30 Amp copper wire, with a 300 Volt anti-cold weather jacket.

- NEMA L14-20P, 30 Amp, 125/250 Volt, 4-Prong Locking Male Plug
- Four NEMA 5-15/20, 15/ 20 Amp,
- T-blade Household Connectors with Weather Tight Cover
- Power Distribution Cord with Power Indicator Lights
- L14-20P to (4) 5-15/20R Adapter Cord



## CUSTOMER FAVORITES

ADL530520

This AC WORKS® brand locking adapter is a very durable adapter. The adapter is a NEMA L5-30P to NEMA 5-15/20R. The NEMA L5-30P is a 30 Amp, 125 Volt, 3-prong locking plug. The NEMA 5-15/20R is a 15/20 Amp, 125 Volt, 3-prong regular household T-blade female connector.

- Plug and Terminals are Nickel-Plated to Prevent Rusting
- NEMA L5-30p to NEMA 5-15/20R
- NEMA L5-30P, 30 Amp, 125 Volt Locking Plug
- NEMA 5-15/20R, 15/20Amp, T-blade Female Connector
- Power Indicator Light

## AC WORKS® News

### Mark Downs and Discounts

As you may remember we started creating new designs for the barrel adapters. As they have been rolling out into production we have been marking down the old style. Save on compact adapters by purchasing the old style (while supplies last).

Visit our website's promotional page to find out more about our discounts and coupons. We are running a BOGO discount on the E520CB520 and the E620CB620 flexible adapters.

We also post our discounts and sales on our Facebook page.

[@acworksconnectors on Facebook](#)



## AC WORKS® News

### New Adventures for AC WORKS®

Brace yourself for an electrifying adventure of game-changing power solutions. Experience the thrill of convenience at your fingertips. Push boundaries like never before. Unleash your potential while discovering innovative solutions that bring power and convenience to your fingertips. Step into a new era of possibilities with AC WORKS®.

Next month, we will introduce the new waterproof **Power Distribution Outlet Boxes!** With GFCI outlets, covered breakers, and customizable options, we are committed to protecting your power. Get exactly what you need with the wide variety of options we will have to offer.

We are excited to reveal these products but will have to wait a little longer. Experience the thrill of the wait. Check back to see the new arrivals soon. October holds the key, but don't let the anticipation spook you. And fear not, if the suspense has your heart racing, we will protect you.

Protect your power and wallet with the new **Power Distribution Outlet Box.** We will treat you to an amazing deal next month for the new reveal.

*Don't miss out!*

## NEW PDU PRODUCTS COMING SOON

Products arriving in October 2023

[www.ACWORKS.com](http://www.ACWORKS.com)  
(414) 434-2220

# SOCIAL MEDIA

## Social Media Channels

### FACEBOOK

Follow AC WORKS® on **Facebook** and learn more about our products, find discounts and more. You can also leave us a review on Facebook to help other customers.

### INSTAGRAM

View products behind the scenes, in development, and during special events.

### TWITTER

Industry related news and updates, newsletters, and deals are shared here.

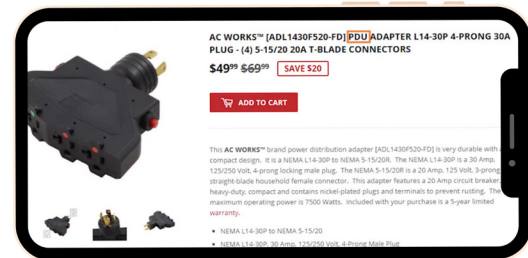
### LINKEDIN

Hiring and company update events.

## YouTube Channel

@ACWORKS

Top watched video created by AC WORKS® for our customers:



AC WORKS® Wisdom: What is a PDU?

Click to watch the video.

Make sure you subscribe to our YouTube channel and like your favorite video's so we can create more content you like to watch. Email any video topics you would like to see to:

marketing@acconnectors.com

# UPCOMING SHOWS

## Tradeshaw, Expo, and Event News

**HIMSS: Orlando, FL | March 11-15, 2024**

We will see you at HIMSS24 in Orlando, Florida, next year.

**Find us in booth 3931.**

**EWPT: Milwaukee, WI | May 15-16, 2024**

The Electrical Wire Processing & Technology Expo is in May every year in Milwaukee, Wisconsin. **Find us in booth 927.**

## Sneak Peek

### Who wants to take a peak?

We know how difficult it is to wait for something great. Here is a tiny taste of what we have coming. This sneak peek has only been shared with our newsletter readers.



**IMPORTANT DATES TO REMEMBER**

**September**

Labor Day 4

**October**

Halloween 31

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**WRAP UP**