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COVER STORY

AC WORKS® Accessories

We are always looking for solutions to our customers' needs. Recently, we have been looking for ways to manage weather like snow, rain, condensation from getting into your product connections during use and shorting out your power. Some customers have reached out with concerns about water getting in between the plug and connector if they need to leave adapters and cords plugged in for an extended length of time outdoors.

AC WORKS® has created a simple, cost-effective accessory for our adapters. After some testing, we decided on a heat shrink tubing in two different sizes as the solution. The product is clear, so the power indicators are visible through the protection of the tube.

There are two sizes available, allowing the solution to fit all styles of AC WORKS® adapters and plugs/connectors that customers may already have at home.

The tubing solution joins our line of other accessories like the green ground wire, and various weatherproof covers for both inlets and outlets. Photos and how-to videos will be available for customers on our website and YouTube channel.

This new tubing is available for purchase by using SKU: Tubing01 on our website search bar. It is \$1.99 per pack or \$.99 if you include it in any order. The only tool you need to install this tubing for a temporary solution is a hairdryer and a pair of scissors.



Tubing01

The tubing solution prevents unwanted moisture from dripping into your connections.



FEATURED PRODUCTS

E520CB520

The E520CB520 has a new molded style design!

This AC WORKS® brand outlet extender with 20A breaker [E520CB520], is a heavy-duty household adapter cable. This 1-foot cord is a NEMA 5-20P to NEMA 5-15/20R. The NEMA 5-20P is a 20A, 125 Volt elbow-shaped, 90-degree plug. The NEMA 5-15/20R is a 15/20A, T-blade female connector. The cable is an STW, 12/3, anti-cold weather staying flexible in extreme temperatures. The cord helps protect an overload to your electrical breaker panel, making sure your machine doesn't use more electricity than it should be.



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TIPS FROM TONY

While we advertise most of our EV charging adapters as “specifically wired for Tesla usage”, our adapter, EV1430MS-018, can also be used for 50A RVs with a 14-50 plug. Just know that your 14-30 outlet will only allow 30A and 7500W of power to your 50A RV.

FEATURED PRODUCTS

ASIN515P-WC

This AC WORKS® brand inlet wiring device is a heavy-duty power input connection device. It is used for an industrial and commercial grade flange inlet. This inlet works with 18 to 12 AWG (American Wire Gauge) copper wire and is commonly used for boats, RV's, small trailers or cabins.

Note: 18 Gauge wire is for 10 Amp, 16 Gauge wire is for 13 Amp, 14 Gauge wire is for 16 Amp, 12 Gauge wire is for 20 Amp, and 10 Gauge wire for 30 Amp.

The product features a 15 Amp household power input connection [NEMA 5-15P] and is a straight blade flange inlet. It has a 2-pole, 3-wire grounding system with a nylon casing and is back wired. Popular uses for this product are RV and Electric Vehicle charging ports.



CUSTOMER FAVORITES

WS-045-0-4

This AC WORKS® brand IT/ Server Power Strip [WS-045-0-4] is a heavy-duty quality product. It is an IEC IT/ Server/ PDU power strip. It has a 7.5-inch housing IEC C14 power input Inlet to (4) IEC C13 Sheet F outlets. It is commonly used in IT/Server for power distribution units.



AC WORKS® NEWS

Contact AC WORKS® Sales Engineers

In the world of online shopping, finding the most reliable product can be difficult. We want to make it as easy as we can for every customer who contacts us. We already have calling, texting, google messaging, social media messenger apps, and email. We want to add one more option to the list. You can message us directly from our website using the chat icon located on the lower-right corner of the website.

On another note, we are also updating our outlet solutions page to include short video descriptions of the outlets. There can be confusion with some of the outlets and connections, so we try to make them easier to understand.

We hope there are options for every customer and their needs.

INDUSTRY NEWS

As you may have heard, Ford created the Mach-E all-electric Mustang. They include a mobile charger that can deliver up to 30 Amps to the vehicle at a level 2 rate. The Ford EV's mobile charger is similar to Tesla's and also has interchangeable adapters allowing you to plug into a 120-volt household outlet or a 240-volt NEMA 14-50 receptacle. For the NEMA 14-50, Ford suggests getting a 14-50 outlet with a designated 50 Amp breaker. Most people will not require a full charge overnight so this type of charging method is plenty.

As of right now, there is no way to change the charging rate for the Mach-E on their app, so you would not be able to adapt to a different outlet, like a dryer outlet. When using an outlet rated for 30A, it is best to follow the 80% rule, which Tesla's Mobile Connectors do automatically. For example; if you use a 10-30R outlet, it would keep pulling 30 Amps consistently throughout the charging time, which is not ideal for an extended period, as it can run hot.

If you were able to adapt the Mach-E 14-50 plug to a dryer outlet, it would still pull 30 Amps instead of dropping down to 24 Amps. This could cause the connections to get hot, which is not ideal.

While the Mach-E is a new vehicle, it is already popular. We expect to see changes to their app, onboard computer software, and charging plugs in the future.



BEHIND THE SCENES

Website Updates

We always make updates to our website, social media channels, emails, and general marketing. The changes we make guide you through the purchase process of our products or finding your necessary power solutions. A few things we want to point out are the combination of the United States and Canada websites. On the top right of our home page, you can click on the Canadian flag and visit the Canada version of our website, and when on the Canadian website, click on the U.S. flag to get back to the U.S. site. Another topic we like to point out is our newsletter archive. We have our previous newsletters listed in the archive. Hover over the word MORE in our main navigation menu and you will find the the WRAP UP newsletter archive.

FREQUENT FEATURE

What do the Red and Green Dots Mean?

One of the most frequent questions we get is about our power distribution adapters. When you look at the female connector end with four NEMA 5-20R, you see two sets of red and green dots. What do they signify? The different colors represent the two hot wires that run through these adapters. Watch this video to find out more!



E-mail your questions to info@acconnectors.com

UPCOMING SHOWS

tradeshow, expo, and event news

HIMSS22: Orlando, FL | March 14-18, 2022

We will see you at HIMSS22 in Orlando, Florida. **You will find us in booth #6465.** There will be a quick turn around to HIMSS22 in Orlando in March of 2022, and we plan to see you there.

EWPTTE 2022: Milwaukee, WI | May 10-12, 2022

The Wisconsin Center District and Expo Productions Inc. has announced the Electrical Wire Processing Technology Expo **dates for 2022 are May 10-12, 2022 for EWPTTE.** Find us in booth #1916 next spring.

COVID-19 Coronavirus Statement

As all communities work diligently to best address COVID-19 (coronavirus), we want to maintain as safe an environment as possible. We will continue to operate as normal as possible during this challenging period and ask that staff and customers join us in observing best practice keeping as safe as possible.

NEW RELEASE PRODUCT

This AC WORKS® brand protective extender [E620CB620] is heavy-duty. The 1-foot cord is a NEMA 6-20P to NEMA 6-15/20R. The NEMA 6-20P is a 20 Amp, 3-prong, straight-blade plug. The NEMA 6-15/20R is a 15/20 Amp, T-blade, 250 Volt female connector. The cable is an STW, 12/3, anti-cold weather cable staying flexible in extreme temperatures. The cord is super durable and typically used with construction and/or industrial equipment.



IMPORTANT DATES TO REMEMBER

OCTOBER

Columbus Day October 11

Boss's Day October 16

Halloween October 31

NOVEMBER

Day Light Savings November 7

Veteran's Day November 11

Thanksgiving November 25

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WRAP UP