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## COVER STORY

### Generator Safety Hazards

Many people use portable generators to help power things in their homes during an outage. This can help save lives during a time of need but can be deadly if not used safely.

The most common generator safety hazards are shock, electrocution, carbon monoxide (CO) poisoning, and fire. What are some safety tips to keep in mind when running your generator? Make sure to read this before using a generator at your house.

Never use a generator in your home, garage, carport, or other enclosed space. Doing so is likely to cause a fire and carbon monoxide poisoning. Nothing good will come from this idea. When using your generator outside, be mindful of its location. Don't keep it running near windows, doors, or vents from your home. Keep it a safe distance away from the house and watch wind direction, making sure to avoid any carbon monoxide poisoning.

Carbon monoxide fumes, having no odor, can build up in your home, even when windows, doors, fans, and other precautions are taken. Exposure to these fumes causes you to feel sick, dizzy, or weak. If you start feeling these or other symptoms, while using your generator, get fresh air immediately. Call 911 for medical help when you are in the fresh air and stay there until help arrives.

Do not use a generator in water and never touch the generator with wet hands. Use a tarp on tall poles or an open canopy to cover the generator in rainy conditions. Never refill a generator with gas until it has cooled. Store your gasoline in appropriate containers and only use the recommended fuel type for your generator.

## NEW PRODUCTS

### SS2630-018

The AC WORKS® brand adapter [SS2630-018] is heavy-duty and very durable. It is a NEMA SS2-50P to NEMA 6-30R. The NEMA SS2-50 is a 50 Amp, 125/250 Volt, 4-wire male plug. NEMA 6-30R is a 30 Amp, 250 Volt 3-prong female connector. The adapter cable is an STW, 10/3, 600 Volt jacket with a 30 Amp copper wire. This adapter is most frequently used to power HVAC from a twist-lock 50A outlet.



## TIPS FROM TONY

NEMA 6-15 and NEMA 6-30 outlets may look the same but are two different sizes. Both outlets have two horizontal terminals with a ground. The NEMA 6-15 looks like the size of a regular household outlet and NEMA 6-30 is closer to the size of your palm or larger. Another way to remember is NEMA 6-15 is 15 Amps and NEMA 6-30 is 30 Amps. 15 Amp outlets are small while the 30 Amp outlets are large.



## FEATURED PRODUCTS

AD515L1430

AC WORKS® adapter cord [AD515L1430] is a very durable NEMA 5-15P to NEMA L14-30R. The NEMA 5-15P is a 15-Amp, 125 Volt, 3-prong Household male plug. The NEMA L14-30R (Hots Bridged) is a 30 Amp, 125/250 Volt, 4-prong locking female connector. The Maximum operating power is 1875 Watts.



S515L1430-012

AC WORKS® adapter cord [S515L1430-012] is a NEMA 5-15P to NEMA L14-30R. The NEMA 5-15P plug is a 15A, 125V, 3-prong household male plug. The NEMA L14-30R (Hots Bridged) is a 30 Amp, 125/250 Volt, 4-prong locking female connector. The maximum operating power is 1875 Watts.



## CUSTOMER FAVORITES

CS6375 Input Inlet

AC WORKS® brand inlet wiring device [CS6375], is a heavy-duty power input connection device. It is used for industrial and commercial grade flange inlets. This inlet works with 6 AWG (American Wire Gauge) copper wire and is commonly used for residential, transfer switches, and cabins.

50 Amp 125/250 Volt

UL E57672 and  
CSA 81290 Certified



## AC WORKS® NEWS

### Contest Time

Do you want to win some awesome AC WORKS® and Cordtec Power Corp swag? Here is how to win:

Like our AC Connectors Page on Facebook @acworksconnectors, Tag us in a post about your favorite AC WORKS® product and why, then share our page with your friends. One winner will be randomly selected to win some swag.

This contest is in no way affiliated with Facebook.

@acworksconnectors on Facebook



## INDUSTRY NEWS

Bob Vila has been a trusted household name for many years. We want to share his top choices for generators in 2022. Whether you are looking for a generator for a small budget or a large house, Bob has pointed out many options for you.

Let's start with the best budget because we all have a budget to follow. DuroMax XP8500E Gas Powered Portable Generator takes this category.



He named the Westinghouse WGen 12000 Ultra Duty Portable Generator as the best option for small homes.



If you have a large home, he suggests the Briggs & Stratton 20,000 Watt Standby Generator is your best option.



If you are looking for a generator with less noise, Bob says to go with the Champion Power Equipment 100519 6250 Watt Open Frame.



Lastly, Bob says the best choice overall is the Champion Power Equipment 100891 9375/7500 Watt Dual generator.



To learn more from Bob and his generator choices, visit his website at [bobvila.com](http://bobvila.com). To find a generator adapter from AC WORKS® visit [ACWORKS.com](http://ACWORKS.com) or [ACWORKS.ca](http://ACWORKS.ca) if you are in Canada.

[www.ACWORKS.com](http://www.ACWORKS.com)

the WRAP UP

# BEHIND THE SCENES

## Always Ask

Oftentimes a customer will call and ask for a specific plug to an outlet or connector and cannot find it on our website. Reasons include confusion about the product they have or need, updated outlets or appliances, unsafe options we do not carry, or we do not offer the product you need. We want you to reach out and ask our sales engineers if you cannot find the specific product you need. Many products are available on our other sales channels or can be customized. Most importantly, we don't want to turn you away if we can offer a solution to your problem. Reach our sales engineers via phone, text, chat, or email 24/7.

## 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.

E-mail your questions to  
[info@acconnectors.com](mailto: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.** We are excited to see you in Orlando, in March. The show is just around the corner, have you registered for this event yet?

### 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.

## FREQUENT FEATURE

### Generator Backup Plan

During a power outage, many people use their generators to power things they need the most. How do you know what you can power? Your family's needs may differ from that of your neighbor or friends, and that is okay. We will help you figure out which equipment you can power using your generator or how to pick a generator to power your necessities.

If you already own a generator, figure out the wattage output of your generator. You should make a list of things you want to power during an outage. When you have the items listed, figure out the wattage of each item on your list. It might be helpful to create a wattage column on your list and keep this on hand. During an emergency, it is easy to forget things you planned. If the generator takes 5000 watts, you don't want to exceed that number when using it to power the items on your list. It is a good idea to plan for a little extra wattage.

If you have an inlet box or plan to install one, your decision may weigh heavily on this list of items from above. Common things powered during an outage are the furnace/heater, fridge, lights, water heater, sump pump, and kitchen appliances. If the items on your list add up to 7000 watts you may consider an **L14-30 inlet box** which can take up to 7500 watts. If you have more than 7500 watts on your list it is wise to consider installing the **CS6365/NEMA SS2-50 inlets**. The 50 Amp inlet can take up to 12,500 watts.

Watch our **GENERATOR POWER CAPACITY** video on **YouTube** to learn more about this topic and others.

## IMPORTANT DATES TO REMEMBER

### JANUARY

New Year's Day 1  
Martin Luther King Day 17

### FEBRUARY

Chinese New Year 1  
Groundhog Day 2  
Super Bowl 13  
Valentine's Day 14