



# OUTDOOR POWER STATIONS **FAQs**

## QUICK SELECTOR

- + **General Questions**
- + **Charging Station Construction & Ratings**
- + **Wiring & Installation**
- + **Power Outlets & Devices**
- + **Lighting**



## GENERAL QUESTIONS

### What is the height of the charging station?

The station is available in three heights:

- Charging Station – 34" (no light)
- Charging Station with Accent Light – 46.5"
- Charging Station with Area Light – 48"

### What color options are available?

Charging stations are available in black, bronze, and silver, as well as custom colors. We can also add custom logos to the pedestal if desired.



### Can the station be used indoors or only outdoors?

Technically, you could use the charging station indoors assuming you sink the L bolts into concrete. However, it is designed to offer maximum durability and to align with the UL requirements for outdoor use. We would recommend an alternative solution for indoor spaces, such as our [Vista USB Charging Pedestal](#).

### Can it be installed on a rooftop?

Yes. The charging station has to be mounted into concrete but can be used on a rooftop.

### Why doesn't the door stay open?

Per UL requirements the door must close on its own in order to ensure the stations retain NEMA 3R ratings. When closed cords can still egress below the door through the gasketing.

### What is the warranty?

Outdoor Charging Stations fall under the standard Wiremold warranty of one year.

### Are replacement parts available?

Yes. We offer replacement parts for the door, the rubber plugs on the top cap, and the keys if using a lockable door.

Part numbers are as follows –

- Replacement door – XCSDOOR-BK, XCSDOOR-BZ, XCSDOOR-SV
- Rubber plugs – XCSCAP-BK, XCSCAP-SV
- Key set – EHWB-CLK



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## CHARGING STATION CONSTRUCTION & RATINGS

### **Does the charging station have a NEMA rating?**

Yes. The charging stations are NEMA 3R listed for use in outdoor locations.

### **How durable is the charging station?**

The station is made of a 0.188" thick aluminum extrusion, so it's quite strong. It is NEMA 3R listed to UL standards, meaning it can be used in outdoor locations in both the US and Canada. It has been tested to withstand conditions including rain, snow, wind, sprinklers, and salt air.

### **Is the charging station marine rated?**

No. The station is NEMA 3R listed for use in outdoor locations.

### **What is the finish on the station?**

All charging stations are painted with an outdoor-rated powder coat.

### **What is the lens made of?**

The lens is polycarbonate and features a UL F1 rating to ensure UV resistance.

### **How is the charging station protected against rust?**

The station is painted with an outdoor-rated powder coat. In addition, all visible screws are coated with Stalgard to ensure they do not rust.

### **Are the rubber caps on the top required to maintain the weather resistance?**

No. These are only intended to hide the screws, which feature gaskets of their own to ensure weather resistance.

### **What are the temperature requirements for operation?**

There are two elements to consider for temperature ratings – the devices and the lighting (both the LED and the driver). For the devices the rating is -31° F (-35° C) to 140° F (60° C). For the LED and LED driver the rating is -22° F (-30° C) to 140° F (60° C). Please note that the lower limit of the temperature range on the Charging Station with Accent or Area Light indicates that the LED light may not function below this temperature. However, the higher end of the range is simply a recommended limit to achieve the full lifecycle of the LED and driver. The station can be operated above this temperature with no adverse effects, other than a potentially shortened LED life.

### **Q: Is the Charging Station ADA compliant?**

Yes. Per ADA regulations the station complies in terms of protruding objects, forward reach, and single-handed operation.

Section 309.4 of the code states that you must be able to operate the parts with one hand and by exerting no more than five pounds of pressure. The station can be opened and used with one hand and the pressure to do so is less than two pounds.

Section 308.2 covers forward reach. In terms of unobstructed forward reach the charging area does indeed fall between 15" and 48" above the ground on all of the pedestal options.

Section 307.3 deals with protruding and post-mounted objects. This could apply to the shelves if you choose to use them. Per the code, the shelves would need to be mounted at least 27 inches above the ground if they are entering a circulation path. If these are not in a designated circulation path then there is no issue. In addition, the requirement is that they extend no more than 12 inches, which they comply with.



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## WIRING & INSTALLATION

### **Can I use 277V to wire the charging station?**

277V can be used to connect the lighting component of the station. The devices require 120V. We recommend you wire it with two circuits – one for the lighting (120V or 277V) and one for the devices (120V). This would allow you to place a timer at the panel to control the lighting if desired.

### **How does the charging station mount to the ground?**

It includes a steel base plate and four L bolts. These bolts are sunk into concrete and the plate is placed over them.

### **Can the station be used indoors or only outdoors?**

Technically, you could use the charging station indoors assuming you sink the L bolts into concrete. However, it is designed to offer maximum durability and to align with the UL requirements for outdoor use. We would recommend an alternative solution for indoor spaces, such as our [Vista USB Charging Pedestal](#).

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## POWER OUTLETS & DEVICES

### **What devices are included in the pedestal?**

Prewired versions of the charging station include a combination of **4-port 4.2A USB outlets** and **weather-resistant GFCI receptacles**.

Charging stations are available prewired with the following combinations:

- 1 4-port 4.2A USB outlet + 1 duplex weather-resistant GFCI receptacle
- 2 4-port 4.2A USB outlets
- 2 duplex weather-resistant GFCI receptacles
- 2 4-port 4.2A USB outlets + 1 duplex weather-resistant GFCI receptacle
- 1 4-port 4.2A USB outlet + 2 duplex weather-resistant GFCI receptacles

### **What can I put in an unwired charging station?**

Unwired charging stations are available in 2 or 3-gang versions. If using anything that is higher power than a USB outlet, the station **MUST** include a weather-resistant GFCI receptacle. In addition, any straight blade devices rated at 15A or 20A must be weather-resistant to be included. Any other devices do not have to be weather-resistant.

### **What's the highest power device I can use in the station?**

The station can accommodate up to 20A. 30A devices cannot be used.

### **Are the outlets weather-resistant?**

If using a 15A or 20A straight blade device, that item must be weather-resistant. Other devices, such as USB outlet and switches, do not need to be weather-resistant.

### **Can I add AV or communications to my charging station?**

Yes. The XCSAV allows you to combine power and low voltage in a 3-gang pedestal. The kit includes two plates to combine two decorator power devices with either one decorator low voltage device or up to four AVIP modules.



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## LIGHTING

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### **What lighting options are offered?**

Both the Charging Station with Accent Light and the Charging Station with Area Light offer LED lighting. The Accent Light version is 7W and 4000k, while the Area Light version is 25W and 4000k.

### **Is there a photocell in the light?**

No. We recommend you wire the charging station with two circuits – one for the lighting (120V or 277V) and one for the devices (120V). This would allow you to place a timer at the panel to control the lighting if desired.

### **What is the life expectancy of the lighting?**

The LED and LED driver are rated to last 50,000 hours, assuming operation in the recommended temperature range.