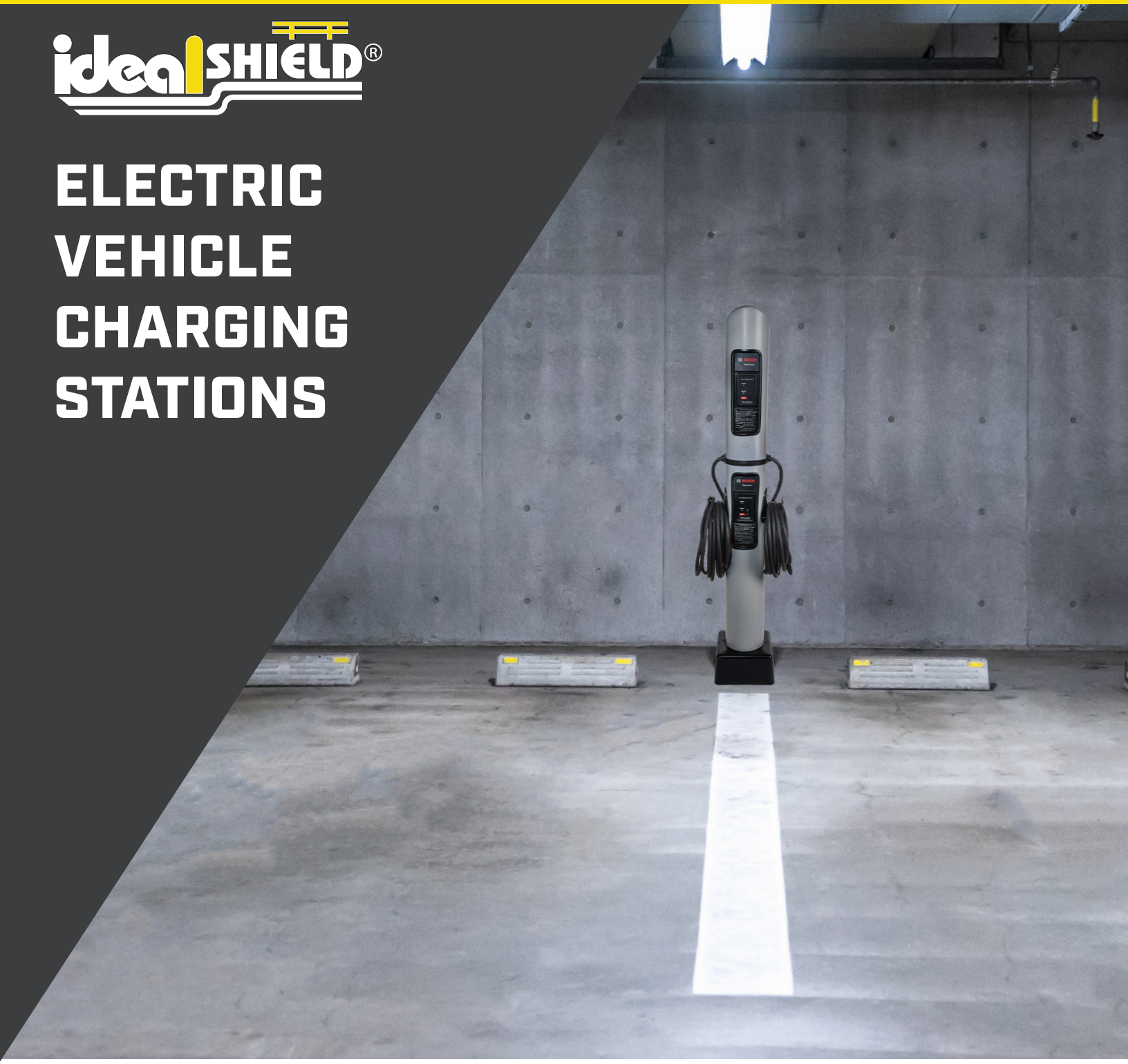
idealSHIELD®

ELECTRIC VEHICLE CHARGING STATIONS



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1-800-731-1722
WWW.IDEALSHIELD.COM

EV CHARGING STATION

COMMERCIAL & RESIDENTIAL CHARGING SOLUTIONS

Dual Charging Station

Single Charging Station

Wall Mount

Ideal Shield's EV Charging Stations provide reliable, safe EV charging in all conditions.

The EV Charging Station is a 1/4" gauge steel steel pipe bollard sleeved with a maintenance-free Ideal Shield Decorative Bollard Cover that is available in any color, enhancing the aesthetics of your business, parking lot, corporate office or home exterior. The charging unit can also be customized with graphics to promote corporate branding.

It is available as a single pedestal, dual pedestal, or wall mount charging station.

Each charger features the same fully weatherproof, adjustable output with 18-foot or 23-foot cables and galvanized steel construction. The Dual Charging Station can charge 2 vehicles simultaneously at full power.

The Wall Mount Charging Station is wind, rain, snow, sleet, ice, cold and heat resistant, making it ideal for indoor or outdoor installation. It meets or exceeds NEMA 4X, NEC 625, SAE J1772 standards and is ETL and cETL listed.

SPECIFICATIONS

Charging Station

Wall Mount

Specifications	Single Pedestal	Dual Pedestal
Adjustable Amperage	12-32 Amps	12-32 Amps x2
Voltage	96-264 VAC	96-264 VAC x2
Cord Length	23 ft	23 ft x2
Weight	125 lbs	150 lbs
Dimensions	Diameter 7.2” Height 58”	Diameter 7.2” Height 68”
Input Current	30 Amps	30 Amps x2
Breaker Size	40 Amps	40 Amps x2
Temperature Rating	-40°F to +122°F (-40°C to +50°C)	
Enclosure	NEMA Type 4X; rain, sleet, snow, ice, cold, and heat resistant	
Input/Output Power	7.2 kW	7.2 kW x2

Specifications	EV810 Wall Mount
Adjustable Amperage	12-32 Amps
Voltage	96-264 VAC
Cord Length	18 ft
Weight	14 lbs
Dimensions	14”L x 5”W x4”D
Input/ Output Power	7.2 kW
Wall Plug	6-50P
Enclosure	NEMA Type 4X; rain, sleet, snow, ice, cold, and heat resistant
Mounting	Wall or Pedestal

IDEAL SHIELD DIFFERENCE:

- Choose a different Bollard Cover style for the EV Charging Stations; Dome Top or other applicable covers available
- Choose any color of Bollard Cover for the EV Charging Stations; custom colors available upon request
- Receive your EV Charging Stations much faster; compared to a three-month lead time

BENEFITS:

- Network-Free design; allows for convenient charging without the need for payment
- Available in Single & Dual Charging Station configurations
- Weatherproof enclosure allows to use in any climate
- Power output is adjustable from 12 – 32 amps
- Industry standard SAEJ1172 connector (compatible with most electric vehicles in North America)
- Level 2 EV Charger (utilizes a higher output 240 V power source)
- Single Charging Station is 240V Unit
- Charges 5 times faster than a traditional 110V corset that comes with most electric vehicles
- Can be installed safely indoors or outdoors
- NEMA 4X weatherproofing
- Withstands rain, sleet, snow, ice, and heat
- Temperature rating from -40 degrees F to 122 degrees F
- Flexible cables remain pliable in freezing temperatures
- Thermal sensing vehicle connector
- ETL & cETL listed (safety ratings)

FAST FACTS:

- Pedestal mounting requires hardwiring & ground anchors
- Recommended installation by an electrician
- 3rd party accessories such as timers & switches can be purchased to regulate how and when people can use the unit
- Dual Station requires two 40 amp breakers (one per station). Each unit draws 30 amps MAX