



ROBOTIC PARKING SYSTEMS

AUTOMATED ELECTRIC VEHICLE CHARGING

FREQUENTLY ASKED QUESTIONS



Robotic Parking Systems Inc. makes every effort to offer our clients options that integrate with the latest transportation technologies. Our optional Robotic Parking Electric Vehicle Charging © station is available with all of our automated parking garages.

Below are answers to the questions we most frequently receive regarding our electric vehicle (EV) charging stations. If you don't find the information you need, please contact us at info@roboticparking.com.

1. What level of EV charging is provided?

The EV charging station provides Level 2 charging. For more detailed information, [click here](#) for our technical specifications sheet.

2. Can all terminals / pallets accept EV's for charging, or does the driver have to park in specific terminals?

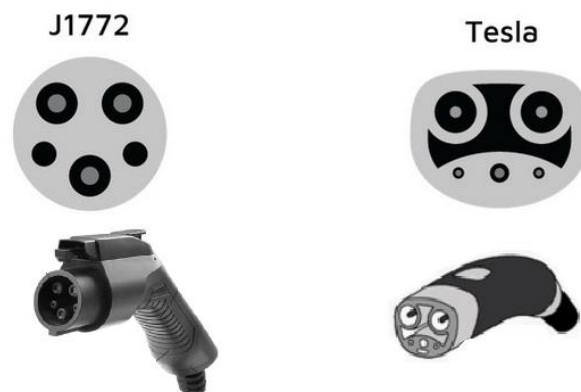
Every terminal / pallet can accept electric vehicles for charging.

3. Does Robotic Parking Systems provide the charging cable?

Yes. Charging cables with compatible connectors that can accept current EV's on the market are provided by Robotic Parking Systems.

4. What make and model cars can be charged in the garage?

We cover all makes and models with J1772 charging plug and all Tesla models.



5. How does the driver ask for the charging cable?

The driver parks the car in the terminal; goes to the kiosk, and selects the option for EV charging. Garage personnel are alerted and bring the charging cable to the terminal for hook up.

6. Do garage personnel provide assistance to hook up the charging cable and unhook it before the driver leaves the facility?

Yes, assistance is provided by garage personnel to hook up and unhook the charging cable. (Personnel are also alerted via the software in the control room that such assistance is needed.)

7. Some electric vehicles have the charging connection in the front, others on the side or at the rear. Is this a problem?

Robotic Parking Systems provide charging cables that can cover the entire periphery of the vehicle, no matter where the plug is located.

8. Will there be a specific subset of parking spaces equipped to do the charging?

Yes, there will be specific EV charging spaces in a garage. These can also be used as standard parking spaces when there is no EV charging activity based on the traffic. The number of optional charging stations included in the facility is determined by the owner based on current and expected future needs.

9. What if the driver only needs 1 or 2 hours of charging?

When storing the vehicle, the driver chooses at the entry terminal kiosk the charging time wanted or selects a full charge which stops when the battery is full. The Robotic Parking Systems software will make sure the vehicle is charged accordingly. When done, the vehicle will be transferred to a non-charging parking space to make room for charging the next electric vehicle in line.

10. Does the driver need to retrieve the car when the charging is completed?

No manual intervention is required when charging is complete. This is a major convenience of fully automated EV charging. Once charged, the software will direct the car to a non-EV charging parking space.

11. What if a user declared 1 hour of charging and retrieved the car in 40 minutes?

No problem. The vehicle will be retrieved with 40 minutes of charging. If the garage has fees for electric charging (depending on the owner / garage management), you would need to pay for only 40 minutes unless the billing structure for that garage differs.

12. How much does it cost to charge an electric vehicle?

Fees for charging are completely the decision of the owner or garage manager. Drivers should check the rates before parking the vehicle.

13. What if an electric vehicle is being parked, but a charge is not wanted?

The driver just parks the car and initiates the storage transaction like a non-electric vehicle.

14. Can the quantity of charging stations be increased in the future?

Yes, provided that the critical infrastructure required for the increase is available (electrical power feed) to the garage. Please contact our sales team for more information.



Robotic Parking Systems, Inc.

Always Ahead.

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