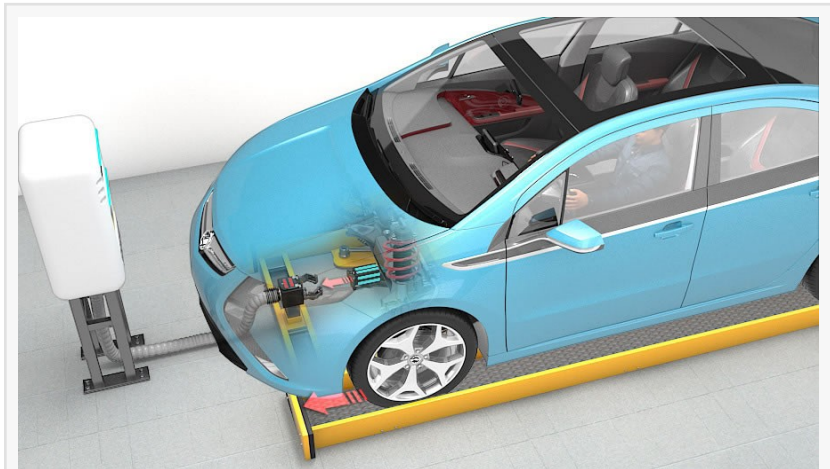


System Introduces Hands-Free Charging for a Wide Range of Electric Vehicles

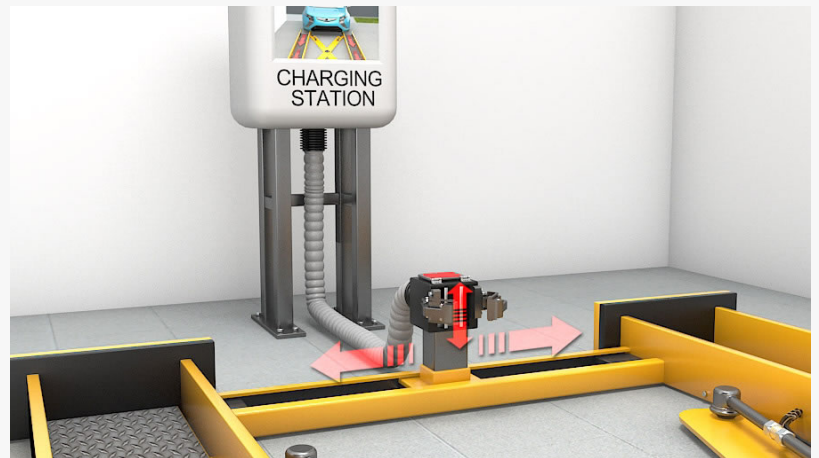
Automatic Charging Dock Proposed for Personal, Commercial, and Fleet EVs

POWELLS POINT, NC, UNITED STATES, April 29, 2026 /EINPresswire.com/ -- The Electric Vehicle Automatic Charging Station (EVACS) is an automated charging system for electric vehicles that can be installed in a private garage, fleet vehicle garages, and any outdoor level space due to its weatherproof design. Users can utilize this automatic charging ability to prevent them from having to manually plug and unplug an electric vehicle to a handheld charger. This system can be self-standing, or wall mounted, with a multi-volt charger to accompany the adjustable track for all wheel bases and tire widths.

Each station is equipped with an electrical charging dock connected to the wall-mounted or self-standing multi-voltage charging unit to accommodate various levels of fast charging. It also is fully adjustable to accommodate a variety of tire and wheelbase sizes. The receptacle is housed between the tire guides, protected via spring-loaded and weatherproof plastic covers that automatically open and close when a vehicle is driven on and off the tire guides. Self-parking technology can also be accommodated via the system. Users can also adjust the height of the charging receptacle between the wheel tracks to accommodate different styled vehicles and clearances. Tire guide tracks can now be manufactured significantly smaller thanks to new parking guidance technology.



Shows a cross-section view of how the vehicle charges on the charging station.



Fully adjustable fast charging to connect underneath or to bumper of the Electric Vehicle.

Newly manufactured electric vehicles may integrate the charging receptacle into the front bumper and spoiler styling. The charging receptacle for the vehicle can be retrofitted to existing electric vehicles. Handheld chargers can still be used in conjunction with the automatic charging station when the user is away from the station.



Park and Forget. Charge your Electric Vehicle automatically and always have a fully charged vehicle at the ready. No forgetting to plug your vehicle in!

The (EVACS) is designed to function as "Park and Automatically Charge" allowing users not having to remember to plug in their handheld charger

before the vehicles next use. A paired software application will notify the user of the status of the vehicle charge and time to full charge. The charger will automatically stop charging at the full charge level and notify the user. Self-parking technology can also be accommodated via the system.

The Electric Vehicle Automatic Charging Station can be adapted to many other types of electric vehicles besides electric automobiles. The station can be also utilized for commercial fleet trucks (all sizes), recreational vehicles, UTV's, golf carts, and much more due to its flexibility of design. Exact size, measurement, construction, and design specifications may vary upon further development and manufacturing.

If interested in the licensing and production opportunities of the Electric Vehicle Automatic Charging Station (EVACS), please contact S.D. Paterson Development Co. P.O. Box 1, Powells Point, NC 27947-0001

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