



# EMPOWER THE FUTURE OF EV CHARGING INFRASTRUCTURE

Designed with deep expertise and advanced technology, TE Connectivity (TE)'s robust portfolio of Electric Vehicle (EV) charging products answers the challenges engineers face and fits the diverse needs of AC and DC charging stations on a global basis for a wide range of power level and charging speed requirements.

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## THE DEVELOPMENT OF A CHARGING INFRASTRUCTURE REQUIRES SMART CHARGING SOLUTIONS TO BE:

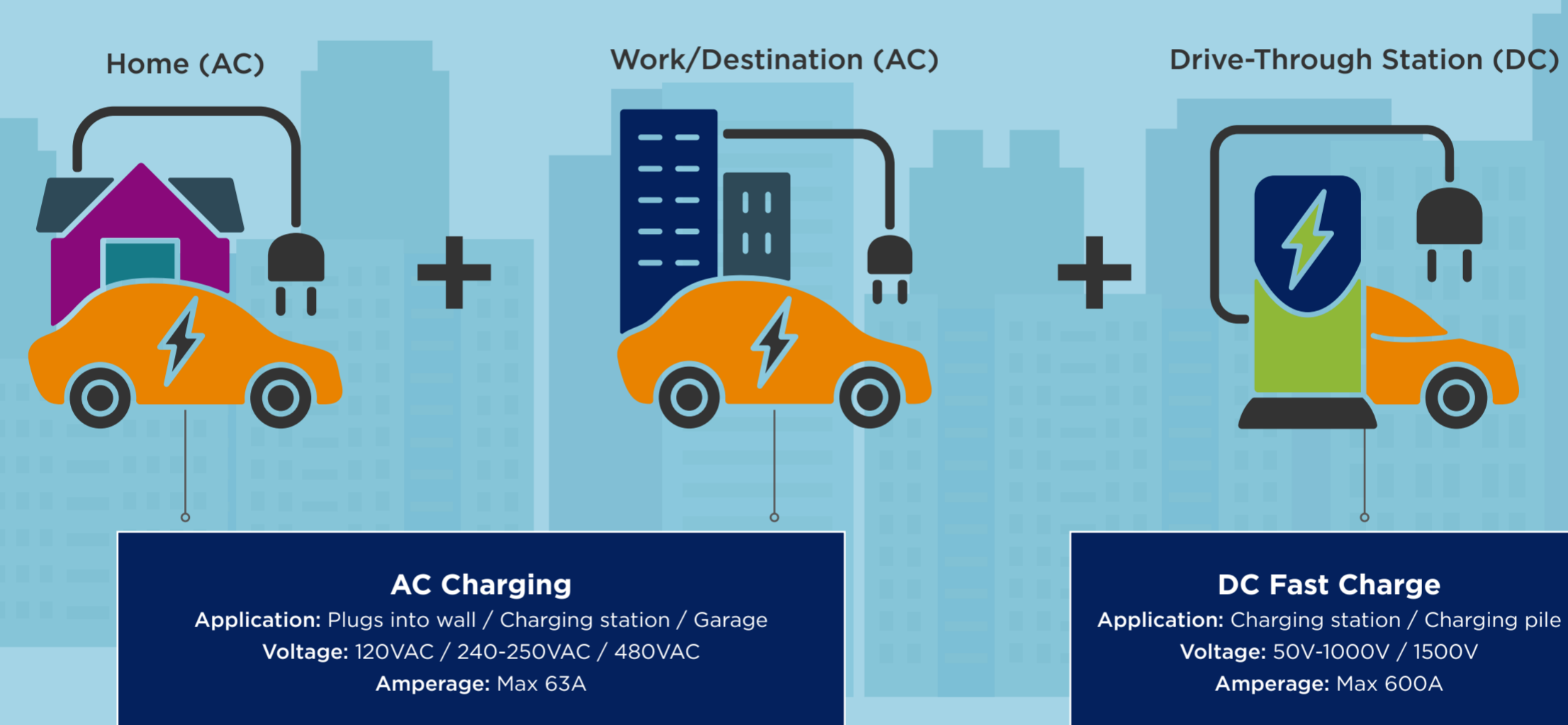
- Greener, with improved sustainability
- Energy-efficient
- Cost-effective
- Faster, for a longer driving range
- Vehicle-to-grid to enable greater flexibility

### CHALLENGE

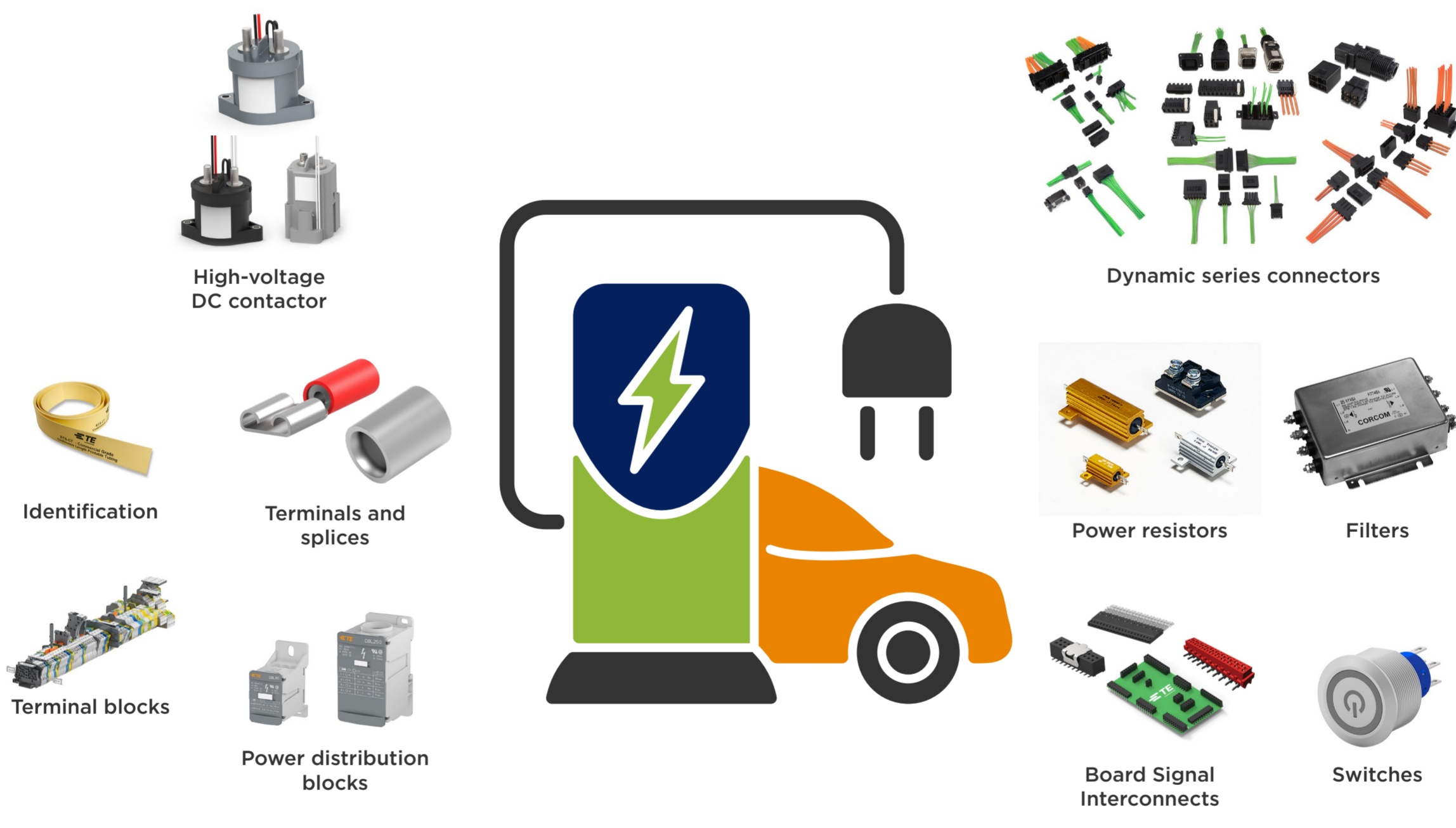
### SOLUTION

Higher current demand	High-performance, reliable relays and contactors in different power levels to provide a reliable charging circuit design.
Higher power required in a smaller package	TE's high-voltage resistance and compact design are excellent for trends in EVs that require higher power while saving space.
Increases in charging speed	Considering both high power output and wide-ranging current regulation to provide solid protection in fast-charge mode.
Charging station safety	Long electrical switching life and high-quality design result in less failure and more stability, making it reliable in case of emergency.
Needing a cost-effective, one-stop shop	TE offers a broad portfolio of relays, physical connectors, passive and switch components as well as electrical products for EV charging applications with a wide range of power levels. Providing the right products and flexibility makes TE a strategic one-stop-shop partner.
Finding a collaborative partner with a future-forward mindset	Focused field-application engineering expertise delivers successful charging design and support to meet the diverse needs of AC and DC charging infrastructure.

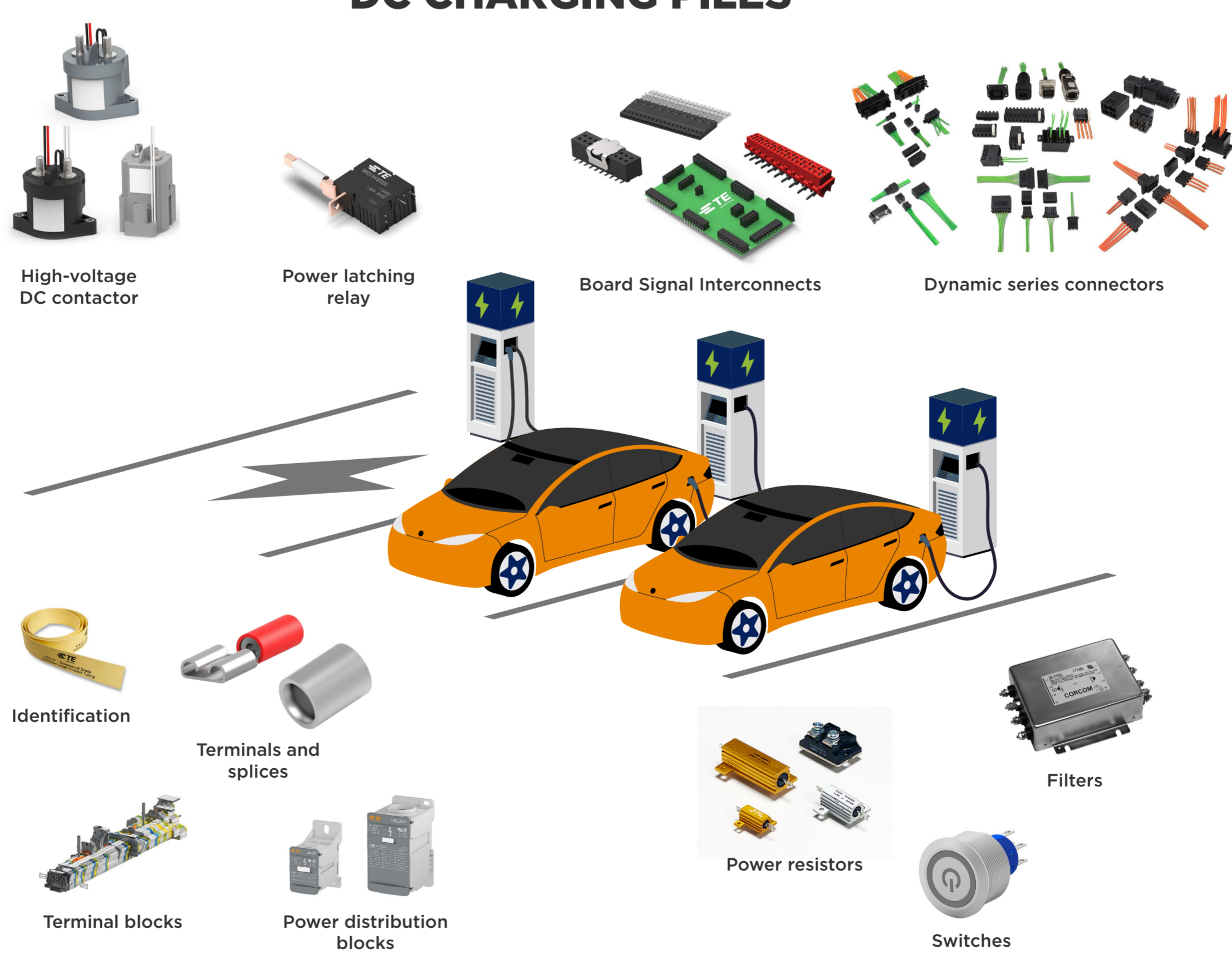
## EXTREMELY FAST CHARGING CHANGES THE PERCEPTION OF EV CHARGING CONVENIENCE



## DC CHARGING STATION



## DC CHARGING PILES



## AC CHARGING STATION

