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COMMERCIAL FLEET EV CHARGING

Light, Medium & Heavy Duty Fleets

Fleet operators face unique challenges with electrical fleet conversions and EV infrastructure. ABB's electrical distribution and energy management solutions are designed to address these challenges, ensuring seamless operations and long-term success.



Ask an Expert

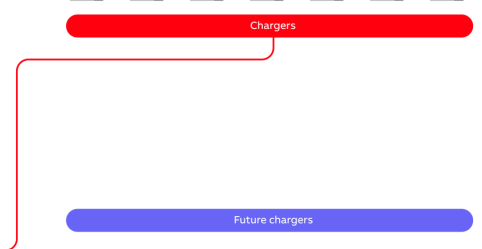
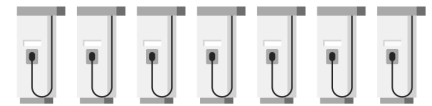
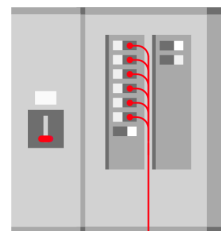
Complete the form and we will have an ABB specialist contact you regarding our products and solutions for EV Grid-to-Charger.

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Reliable and Scalable

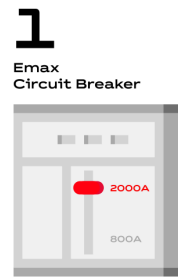
Whether you're equipping urban depots for electric light commercial vehicles or enabling charging for heavy duty tractor-trailers at a loading dock, ABB can help you design an electrical solution that enables scale in alignment with your EV fleet lifecycle planning. Mitigate risks of grid disruptions with ABB's microgrid solutions, ensuring a stable power supply for uninterrupted fleet operations.

Adding chargers =
adding additional breakers



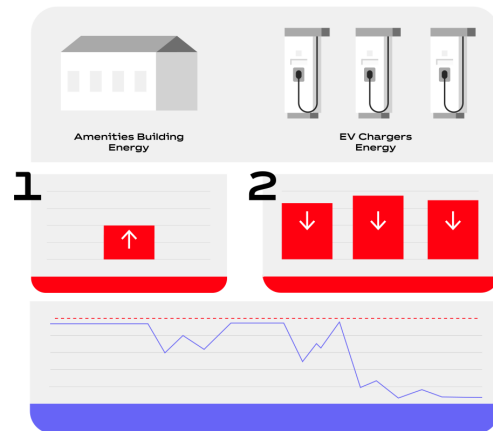
Future-Proof Infrastructure

As the EV fleet charging landscape changes, your unique commercial fleet site needs to be ready to adapt. Partner with ABB for future-ready solutions designed to enable your site to support evolving EV technologies, including Megawatt charging and Vehicle-to-Grid (V2G). With a lifetime of 20+ years, our charger-brand agnostic solutions ensure your infrastructure will support the next generation of chargers.



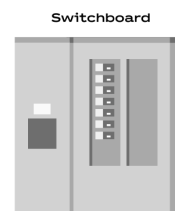
Cost Effective Solutions

Avoid peak energy costs and intelligently share power across all connected vehicles according to your operational priorities with ABB's state-of-the-art energy management systems. Reduce operational costs through remote monitoring, diagnosing, and even remotely controlling your electrical infrastructure.



Invest in a Smarter, More Sustainable Future

Deploy ABB's energy management systems to balance grid demand and integrate renewable energy sources, such as solar power, to reduce your carbon footprint and energy costs further. Compare operational performance across multiple sites and make data-driven decisions to optimize energy efficiency.



PRODUCTS AND SOLUTIONS

ABB offers EV fleet charging infrastructures that are scalable, modular, repeatable, and even stackable.



Light duty fleets

- [Elastimold™ Padmount Switchgear](#)
- [Load Interrupter Switchgear](#)
- [ReliaGear® SB Switchboard](#)
- [Low Voltage Transformer](#)
- [ReliaGear® Lighting Panelboard](#)
- [Microgrid Controls](#)
- [BESS-as-a-Service](#)
- [EV Chargers for Fleets](#)
- [C-kit Charger Load Management](#)

Medium & heavy duty fleets

- [Elastimold™ Padmount Switchgear](#)
- [Load Interrupter Switchgear](#)
- [ReliaGear® SB Switchboard](#)
- [Heavy Duty Safety Switch](#)
- [Microgrid Controls](#)
- [BESS-as-a-Service](#)
- [EV Chargers for Fleets](#)
- [C-kit Charger Load Management](#)

FAQS: COMMERCIAL EV FLEETS

Why do electric fleet vehicles have a higher purchase price?

Do I have enough power available to charge my fleet?

What are the costs involved in installing charging infrastructure?

Where can fleet owners find support for evaluating operational impacts?

What are the key considerations for planning EV charging infrastructure?

How should fleets approach a staged rollout of charging infrastructure?

How can fleets manage energy costs and work with utilities?

What are best practices for maintaining EVs and charging infrastructure?

RESOURCES

TOOL

EV Grid-to-Charger Simulator



LAUNCH NOW

ONLINE TRAINING

EV Charging for Contractors and Distributors



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SUCCESS STORY

Powering the Future of Zero-Emission Trucking



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VIDEO

Greenlane + ABB: Charging the Future of Freight



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VIDEO

Revolutionizing EV Charging with ABB



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VIDEO

Planning for Power and Electrical Equipment at EV Charging Sites



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VIDEO

Simplifying EV Charging for Contractors



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CASE STUDY

The Road to Megawatt Charging



VIEW NOW

EV GRID-TO-CHARGER SEGMENTS



- PUBLIC PASSENGER
EV CHARGING
- COMMERCIAL
FLEET EV
CHARGING
- PUBLIC TRANSIT EV
CHARGING
- HOME EV
CHARGING

ASK AN EXPERT

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Building & Home Automation Critical Power Digital Solutions Installation Products Machine & Motor Control Protection, Distribution & Control	Aftermarket Parts, Spares & Consumables On-Demand & Emergency Services End-of-life Services Engineered & Custom Solutions Engineering & Consulting Installation, Commissioning & Maintenance Preventive Maintenance Replacement Service Agreements	Aviation Buildings, Infrastructure and Transportation Data Center EV Grid-to-Charger Manufacturing Renewable Energy Residential Utility Explore Industry Solutions	Catalog Center e-News Center Insights New Product Innovations Product Selector Publication Library Tools & Calculators Training Webinar Center Where to Buy	Consulting / Design Engineer Contractor Distributor EPC (Engineering, Procurement, and Construction) Facilities Operations Home Builder OEM	Careers Events NASCAR Partners News #PowerBetter Road Sustainability

Service Workshops &
Factory Sites
Upgrades, Retrofits &
Retrofills

Electrification

Efficient future. Electrification is the sustainable distribution solution. ABB helps industries run at high performance, while becoming more efficient, productive and sustainable so

ABB is a global technology leader enabling the efficient and reliable distribution of electricity from source to socket. With more than 50,000 employees across 100 countries, we collaborate with our customers and partners to solve the world's greatest challenges in electrical distribution and energy management. As the energy transition accelerates and electricity demands grow, we are electrifying the world in a safe, smart and sustainable way. At ABB, we are 'Engineered to Outrun', and we are passionate about helping our customers and partners do the same.

Exchange (ABBN) and Nasdaq Stockholm (ABB). www.abb.com

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