

Dock charging: eTruck and eBus charging infrastructure tailored to your depot

Charging eTrucks and eBuses in depots can be challenging, especially with regard to the size of the vehicles and space restrictions of the depots. Flexible, customized and space-saving charging infrastructure solutions are key to making the charging process as efficient and as smooth as possible. With our broad range of dock charging offerings, we develop the one solution that is best suited to your depot and fleet.



Modular and customized

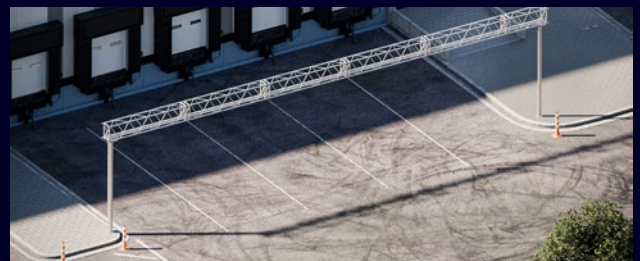
Our dock charging solutions are engineered for your depot. You decide on the charging infrastructure set-up and type of cable management system that work best for your depot and fleet.

Step 1: Choose between a greenfield or brownfield construction ...



Greenfield

Use a slim gantry solution with a minimal footprint for overhead dispenser and cable management mounting



Brownfield

Integrate charge points seamlessly in your existing overhead construction (ceiling or roof)



Step 2: Select a cable management or pantograph



Hanging

The "hanging" system is as easy as it can be. The cable is always available and ready to use. The perfect fit for a depot with no variability in vehicle length and no space constraints.

- ✓ easy cable handling
- ✓ cost-efficient



Reel

The cable reel solution safely stores the charging cable on a reel when it is not needed. Depending on the vehicle length the reel provides as much of the cable as necessary.

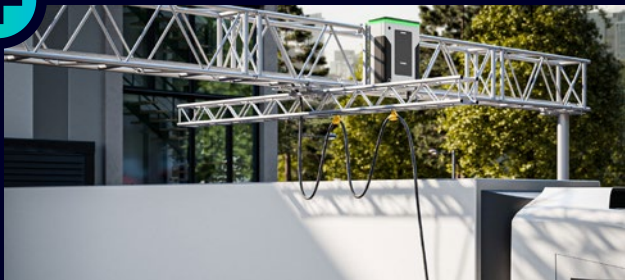
- ✓ easy cable handling
- ✓ high flexibility
- ✓ added safety through cable retraction



Wire rope

The wire rope cable management system retracts the charging cable very efficiently using a rope in parallel to the charging cable. By reducing the mechanical complexity to a single cable pull, reliability is increased significantly.

- ✓ low complexity
- ✓ robust
- ✓ high flexibility
- ✓ added safety through cable retraction



Cable on rail

The charging cable is guided by a rail mounted to the gantry or ceiling. It lets you seamlessly move the hanging cable along the vehicle to cover different vehicle lengths.

- ✓ easy cable handling
- ✓ low complexity
- ✓ high flexibility
- ✓ robust



Contact hood

The contact hood allows you to charge vehicles autonomously in the depot.

- ✓ powerful automated charging suitable for the buses with integrated (on-board) pantograph
- ✓ easy to install

Dock
charging



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