



**ALL-IN-ONE
CHARGING STATION**

**SWISS
ENGINEERING**

PLUG & PLAY

MODULAR

150 KW	300 KW	450 KW
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**DEPOT
SOLUTIONS**

**MOBILE
VERSION**

**22M² FOR
YOUR BRAND**

**0.72M²
FOOTPRINT**

All-in-One Charging Station for E-Buses

The Furrer+Frey All-In-One incorporates our latest design ideas for a simpler, smaller and more reliable opportunity charging station. Starting with our own inverted OppCharge pantograph, designed from the ground up to be critical infrastructure, we package all of the electronics inside the mast for a tiny overall footprint.

In addition to the All-In-One, our long background in building electrical systems for train depots translates directly into an industry leading capability for designing and building innovative bus depot charging systems.

The tough requirements for designing and building critical bus charging infrastructure is not something a company can learn overnight. 96 years of experience building infrastructure for electric rail has given Furrer+Frey the required experience, skills and knowledge to complete these projects on time and to support them for many years to come.

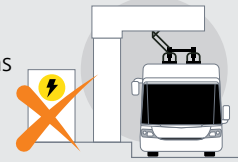
OPPcharge

Furrer+Frey[®]
Opbrid Charging Systems



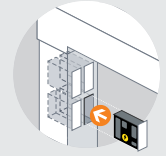
All-in-One

Integrated Electronics means no separate rectifier house.



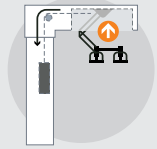
Plug & Play

Redundant, easily replaceable power modules for high uptime.



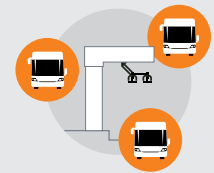
Safe and reliable

Reliable mechanics even in case of emergency or power failure.



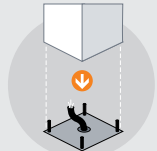
Interoperable

Charges any OppCharge compatible bus.



Small footprint

Small footprint, only 0.72m². Ideal for congested cities.



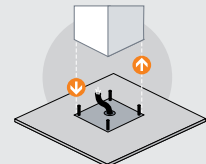
Contact Sequence

Earth connects first and disconnects last for maximum safety.



Mobile Version

Easy to install with steel plate. Renting package for test projects available.



Optional features

Passenger information, advertising, cameras, lighting, graphics.



All-in-One Charging Station by Furrer+Frey

Pioneer in Electrification

- + Established in 1923
- + HQ in Berne, Switzerland
- + Subsidiaries in UK, Germany, Italy, China, Hong Kong
- + Agents worldwide
- + Engineering of overhead line systems for trams, railways and rail depots

Activities and Services

- + Engineering of fast and ultrafast bus charging stations
- + Tailor-made bus charging Infrastructure
- + Standard OppCharge Opportunity Charging Stations
- + Complete Depot charging solutions

Longest Experience in the Industry

- + 2019 Baden-Wettingen, Switzerland
- + 2019 Pamplona, Spain
- + 2018 Irun, Spain
- + 2017 Valladolid, Spain
- + 2017 Utrecht, The Netherlands
- + 2013 Gothenburg, Sweden
- + 2011 Winnipeg, Canada
- + 2011 Umea, Sweden

www.furrerfrey.ch

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