

Pantograph down for electric buses

ABB offers an ideal pantograph charging solution to charge fully automated electric buses following the OppCharge protocol. With typical charge times of 3 to 6 minutes the pantograph system can easily be integrated in existing operations, ensuring zero-emission public transit during the day without impacting on the normal operation of the route.

Main benefits:

- Fast charging with a wide range of power levels to meet the charging needs that best fit your operating schedule.
- Enabling high uptime, thanks to robust design, remote diagnostics and management tools.
- Charge buses from different brands with the same charger, following the international standards and comprehensive interop testing.

Main features:

- Voltage range from 150-850 V
- Power range of 150-300-450-600 kW
- Safe and reliable fully automated connection



Youtube video

Opportunity charging for electric buses

Services and Tools



Media Center



Charger connect



Charger Care Service Level Agreement



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