

Origin E-BUS Product overview

Perfect for

E-bus depot

Fleet depot

Features

6 e-buses charging at once

Dynamic power allocation

Intelligent power control

Enhanced safety

Remote control & update

Easy maintenance

OCPP 1.6/2.0.1

Industries

Fleet operators

Parking operators

- Electrifying public transport is an obvious trend to decarbonize. Keeping up with the times, we provide e-bus charging infrastructure that can be seamlessly integrated into the local landscape. Meet the **Origin E-BUS** charging station, designed to efficiently use available grid power and save you money while charging e-buses either at route points or at the depot.

- **Dynamic power allocation** allows up to 6 E-buses to be charged at the same time. The number of e-buses for simultaneous charging is only limited by the size of the depot — charge up to 300 e-buses at a time, safely and quickly.



- Comprehensive **hardware and software** combination ensures safe and stable charging. **The intelligent power control system** helps to make the best use of the resources available.

- For **maximum safety**, we equipped the station with a multi-stage overload protection system, video surveillance cameras, and a fire protection system. The station architecture allows **all-weather service from the inside**. The **robust housing** is resistant to external natural and mechanical influences.

- Our **in-house developed, feature-rich** control and monitoring **software** allows you to get the most out of the station. Track and analyze every charging session across 300 parameters in real time, 24/7. Immediate alerts allow you to respond quickly to potential failures, for maximum uptime.

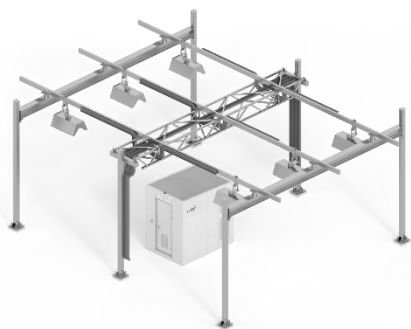


Learn more



Origin E-BUS Specifications

- Up to 6 contact domes or CCS 2
- Simultaneous charging & Dynamic power allocation
- Total safety with firefighting system and video surveillance system
- All-weather service inside



Power	Up to 300 kW DC
Output Voltage Range	400-1000 V
Output Current	Up to 500 A
Operating Temperature	-40°...+40° C
Protection Level	IP54, IK10
Communication Protocol	OCPP 1.6/2.0.1
Dimensions (H x W x D)	3025 x 2190 x 2960 mm, compatible with current-transmitting device
Material	Enclosure: steel Surface: powder coated
Supply Input	400 V (±10 %), AC 3ø
Supply Frequency	50 Hz
Efficiency	96%
Network Connection	3G/4G/Wi-Fi
Authentication	Service app
Energy Management	Charge current limiting, charging power limiting
Protection	Overvoltage, overload, short-circuit protection Current-leakage protection Overheating protection
Measurement	AC/DC electricity meters