

# Bedford Electrical

## CASE STUDY

EV Charger Installations

**Customer: EO Charging**

**Location: Ford & Slater - DAF Norwich**

**Core Service: EV Chargers**

**Sector: Transport & Logistics**



# Project Details

## Client Overview

Our client, Ford & Slater, is a dealer for privately owned DAF trucks across Europe. Offering high-quality transport services through ethical and safe manners, our client prioritises modernisation. With the rise of electric vehicles, they requested EV chargers for their new fleet.



## Project Overview

We installed a 180kW **ABB charger** to charge a new electric truck, a new GRP enclosure to house a mains supply cutout and metering equipment, and a 315a isolator to locally isolate the new SPD-protected 315a earth leakage MCCB panel.

Our team implemented an earth TT rod system for adequate earthing. Containment along the fence line from the enclosure allowed the installation of a 95mm 4-core SWA, which suited the charger's power requirements.

# Objectives

## **Deliver Efficient Results to a Deadline:**

Schedule and timetable our team to work in tandem to achieve the end goal of the project.

## **Provide Compliance Assurances:**

Compile all necessary paperwork and follow all appropriate specifications to offer a complete and trusted service.

**Minimise Operational Disruption:** Ensure ongoing operations remain unaffected during installation.





## Results

Our groundworks team excavated to access the mains cable feed to the new installation.

A large, precast concrete base placed 600mm below ground level allowed for entry to the cabling and ducting. Paving slabs were removed and reinstated around the base for a clean finish.

Two posts were set and cast into the ground to protect the new charger.

Upon completion of the installation, the 180KW charger passed NICEIC standards and commissioned by our onsite engineers.



## Client Satisfaction:

The client was more than satisfied with the finished product we delivered. We were thrilled to assist their 2021 promise to have all company cars be hybrid or electric by 2024.

## Conclusion

With an extremely satisfied customer now boasting the New Generation DAF Electric, the eco-friendly nature of electric-powered vehicles delivers substantial value for performance and financial savings.

With zero disruption to operations, this sustainable and reliable charging system is a brilliant example of our operational efficiency.

We are currently installing many more of these chargers throughout the UK.



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## Contact Us



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