



EV Charging Installation Partner for Mer

Key challenges

Rolling out EV Charging infrastructure for electric vans is rarely straightforward, especially on the biggest last mile infrastructure project in the UK. Mer recognised a need for a proven installation partner to guide them through the complexities of a project the size/type of the NEW 452,000 sq.ft Mer Client Distribution Centre in Dartford. Step forward Actemium. Time is always a major challenge, and due to imposed delays, significant acceleration was required to achieve the “hard-stop” completion date. Actemium scope of supply was reduced with the resident principle contractor taking ownership for enabling works (containment/civils) thus demanding an increased level of interfacing & communication.

Benefits



Flexibility to switch installation team to a night-shift, extended hours pattern at short notice.



Added value by adapting customer’s original design to a more cost effective, efficient & neater installation.



Ability to work safely within a 24-hour fully operational fast-paced logistics facility.



Change

The project’s ultimate goal was to install the following;

- 30 x Dual Socket AC (7-22kW) – serving 60 Vans
- 14 x DC ABB Terra 124 (120kW) – serving 28 HGV’s
- 6 x 250A Feeder Pillars (pre-built & tested at Actemium’s facility)

All chargers were placed outdoors, with AC units in the car park and DC Rapids alongside docking bays. Actemium handled all cabling, including long cable pulls at high-level (10m+) above docking bay doors and at low level through underground ducts. Efficiency was crucial due to 24-hour operational use, requiring detailed planning and coordination with the principal contractor. Restricted access was granted for specific time periods, and meeting daily targets was non-negotiable, but still led to successful project completion. As a result of a positive experience, Mer has since awarded Actemium with client projects in Dublin, Manchester, Sheffield & Exeter.

“Mobilising a project of this magnitude takes some real collaboration, and no one single organisation can do it alone!”

Natasha Fry - Head of Sales - Mer UK - Fleet and Workplace Charging



Find out more