

deta.e[🌱]

Smart. Safe. Secure.
NEW EV Charging Solutions



2025

deta-e.co.uk



Founded in 1958...

Deta Electrical is a market leading manufacturer and distributor of wiring, lighting, cable management and electrical installation accessories, with a reputation for unrivalled quality, reliability, service and value for money.

As the number one electrical brand of choice amongst new build housing developers, Deta's products are widely specified and installed across the private and social housing sectors, as well as high rise developments, student accommodation and care homes.

Deta Electrical is proud to hold ISO 9001 Quality Management and ISO 14001 Environmental Management certification.

Mission & Core Values

Deta's mission is to use its passion and expertise to provide best-in-class products that meet and exceed ever-changing customer needs.

- ▲ **Trusted** – a brand trusted by customers, Deta is synonymous with high product quality, extensive product knowledge and exceptional customer service. Robust quality control throughout the development and manufacturing stages are key to delivering quality products.
- ▲ **Progressive** – focused on continuous progression, Deta is committed to investment in innovation, product design and ease of installation. Digitalisation is at the heart of Deta's strategy, supporting stakeholder requirements and maximising its value chain.
- ▲ **Sustainable** – Deta is committed to protecting the environment for future generations, to building an inclusive community and to ensuring it acts in the best interests of society.

Think electrical, think... deta^

DETA | VIMARK | TTE | TOWER | BRACKENHEATH
BRITICENT | CHANNEL | DETA.E | TIMEGUARD



PRODUCT KNOWLEDGE

Knowledge enables the development of products that meet customer needs



SERVICE

Dedicated, specialist teams offer a streamlined experience



PRODUCT QUALITY

Innovation, design & ease of installation are intrinsic to product development

NEW Residential EV Charge Points

Deta.e offers a smart, safe, and secure EV charging solution for residential (single dwelling and communal) and commercial workplace parking.

New for 2025, the eDock2 is our newest intelligent EV charge point. Taking only 10 minutes to install, this robust and weatherproof charge point provides a smart charging solution that delivers up to 30% savings on charging expenses.

A simple-to-use app provides users with a convenient solution for managing their charge point(s) either in situ or remotely from the palm of their hand.

eDock2



eDock2

EVC8001 & EVC8006

The eDock2 is compact and smart, suitable for charging all electric and hybrid plug-in vehicles in residential single dwellings, as well as remote parking fed from a landlords supply where billing of electricity is required*.

Designed for quick installation and ease-of-use, this EV charge point offers a reliable, safe and secure EV charging solution for the whole family. With an array of smart features, it provides up to a 7.4kW power rating and load management, which is faster and safer than a 3-pin plug.

Cloud-based software allows communal parking areas to be managed by a Charge Point Operator (CPO), who is then in control of operating and maintaining the EV charging facility and billing the users.

Flexible and compact, it can be mounted directly onto a wall or on a post in remote car parking spaces.

Operated via the app or RFID card, it is easy to switch the charge point on and off and restrict access to approved users only.

Compliant with Electric Vehicles (Smart Charge Points) Regulations 2021

The eDock2 is a 'smart' charge point, enabling users to send and receive information as well as respond to signals by increasing/decreasing the rate on and off, restricting access to approved users only.

- ▲ 7.4kW
 - ▲ Compact Design
 - ▲ Integrated 30mA AC & 6mA DC Earth Fault Protection
 - ▲ Compatible with Solar & Battery Storage
 - ▲ Wi-Fi, Ethernet, Bluetooth, RS485 & 4G[†]
 - ▲ Dynamic Load Management (CT included)
 - ▲ OCPP 1.6J & OCPP2.0.1 Compliant for Remote Management & Control
- ▲ Cyber Security/Anti-Tamper Proof
 - ▲ Cable Lock Function (via App)
 - ▲ IP65 with plug fitted, IP55 with no plug fitted
 - ▲ IK10 Impact Rating
 - ▲ 3-Year Warranty
- *Additional MID Energy Meter required

[†]EVC8006 only - SIM card not supplied



Specification – eDock2

Product Information	
Model	eDock2
Product Number	EVC8001 & EVC8006
Connection Capacity	Single Phase, 7.4kW AC
Charging Connector	Un-tethered, IEC 62196/Type 2
Charging Protocol	Mode 3 (EN/IEC61851)
Electrical Properties	
AC Charging Output	7.4kW, 32A@230V AC*
Voltage Rating	230 AC nominal +10%/-6%
Input Frequency	50 Hz
Input Current Rating - Maximum	32 A
Energy Monitoring	Power and energy monitoring as standard via app
Overcurrent Protection	Internal overcurrent protection
Communication	
Status Indication / HMI	Multi-colour LED's on front cover
Standard	WiFi 802.11b/g/n/a/ac/ax @ 2.4GHz & 5.0 GHz; Ethernet; Bluetooth; RS485 [†]
OCPP	OCPP1.6J & OCPP2.0.1
Installation	
PEN Fault Protection	Built-in open PEN protection (detection + isolation). Deta EVSE can safely be installed without an earth-rod.
Earth Fault Protection	Integrated RCD:DD 30mA AC and 6mA DC
Service Fuse Protection	Dynamic load management via CT/APP
Commissioning	Partner APP required, using Bluetooth or NFC
Meter	Internal meter +/- 2%
Physical Properties	
Dimensions (H x W x D)	283mm x 191mm x 156mm
Mounting Type	Wall or Post Mounted
Colour	Black
Unit Material	Polycarbonate
Environmental Properties	
Operating Temperature	-40 to +55° C
Operating Humidity	Up to 95%RH, non-condensing
IP Rating	IP65 socket, IP55 with plug inserted, IK10
Standards and Compliance	
EMC Compliance	EN61000-6-3:2006, EN61000-6-2:2019
Safety Compliance	EN 60950-1:2006 + A11 + A1, EN60950-22:2006, BS7671:2018 + A1:2022
EV Charging Compliance	EN61851-1:2019, EN61851-21:2002, EN61851-22:2002, IEC62196-1

[†]4G version available - EVC8006 (SIM card not supplied)
*Charging power may vary based on vehicle make and model as well as electrical installation setup.

Customer Service & Support

Our Deta.e team is dedicated to providing system design support and guidance to housing developers, local authorities and end users nationally. This covers EV charge points connected to individual properties and those serving communal and workplace parking areas.

Deta.e also provides customer support to ensure a smooth customer experience. Along with our software partners, we are able to monitor connected EV charge points and troubleshoot any issues.



Track Record
Extensive experience supplying house builders with quality products



Easy Installs
Fast, simple installations make this ideal for homeowners & contractors



Dedicated Installers
Trained installers to assist any installation



Support on Demand
Technical support provided



With over 65 years of electrical industry experience, Deta has grown to become a trusted market leading manufacturer and distributor of wiring, lighting, cable management and electrical installation accessories, with a reputation for unrivalled quality, reliability, service and value for money. As the number one electrical brand of choice amongst new build housing developers, Deta's products are widely specified and installed across the private and social housing sectors, as well as high rise developments, student accommodation and care homes.



TTE is a market leading brand of electrical conduit tube and fittings, combining the former Top Tubes Electrical and Stephen Glover businesses. With more than 50 years' experience, TTE has been specified and installed on many high-profile projects, including the London 2012 Olympic site, Wembley Stadium, Westfield Shopping Centre, Dubai International Airport and The Louvre Museum Abu Dhabi. TTE offers a reliable and best in class cable management solution that is fully compliant with British Standards.



Established in 1978, Brackenheath is renowned for supplying high quality and competitively priced domestic and commercial lighting products. Through continuous investment in LED and sensing technologies, Brackenheath pioneered the design of its market leading iSpot® range of slim profile, driverless LED Floodlights and continues to lead the way in bringing to market new and innovative LED lighting solutions.



Established in 1976, Channel is a leading manufacturer of emergency LED lighting and safety systems and a key distributor of the UK's leading brands for fire detection solutions. Renowned for the breadth and depth of each product range, Channel has gained a loyal customer base driven by an excellence in technical and customer support. Proud to be affiliated with ICEL, LIA and EDA, Channel is registered with BSI and is a member of the Apollo Partner Plus programme.



Steeped in over 25 years of history, Deta Electrical's long established Vimark brand holds a reputation for the supply of high quality, value for money electrical and wiring accessories. Offering a wide portfolio of products, including wiring accessories, motion sensors, ventilation, hand dryers, back boxes and electrosparers, Vimark is a long established and trusted brand that supports electrical contractors with their everyday installation requirements.



A long established brand, well regarded for its vast range of high quality installation materials, the trusted Tower brand represents an exciting addition to Deta's comprehensive brand portfolio. The Tower offer includes its highly acclaimed range of Installation Materials, including the original Tower Cable Clips, an 18th Edition Fire Rated range, Portable Power and Low Voltage Cable.



Since its inception in 1908, Briticent Site Electrics has enjoyed more than 100 years of successful trading with a long-standing customer base. Briticent built its reputation on the Gripper® range of handlamps, and over the years has developed a core range of essential site lighting and power distribution products. Briticent continues to lead the way with new and innovative energy saving products, becoming the site lighting brand of choice amongst electrical installers throughout the UK and Ireland.



A trusted UK industry leader synonymous with quality and innovation, Timeguard has more than 25 years' experience in the manufacture and sale of time, light, safety, wi-fi and climate control electrical products. Continuously delivering energy savings that owners and occupiers are looking for, alongside the creation of new designs that offer easy installation, Timeguard has become a favourite among homeowners and installers. (timeguard.com)

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Deta Electrical Company Limited

Panattoni Park, Luton Road, Chalton,
Bedfordshire, LU4 9TT

t: 01582 544 500

e: sales@deta-e.co.uk

w: deta-e.co.uk



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