YESSS
EV & ENERGY

Electric Vehicle Charging and Energy Solutions

Edition 1

We are the UK's fastest growing electrical wholesaler, with over 95 branches.

Having only opened in December 2012, YESSS has grown to over 95 branches nationwide.

Located in London, Sheffield, Leeds, Nottingham and even the Channel Islands. Each branch has a helpful knowledgeable team, with their own delivery fleets and in-house experienced local drivers. Vehicles have satnav, Bluetooth mobile and live trackers giving complete traceability for orders.

YESSS! You can follow, contact and subscribe

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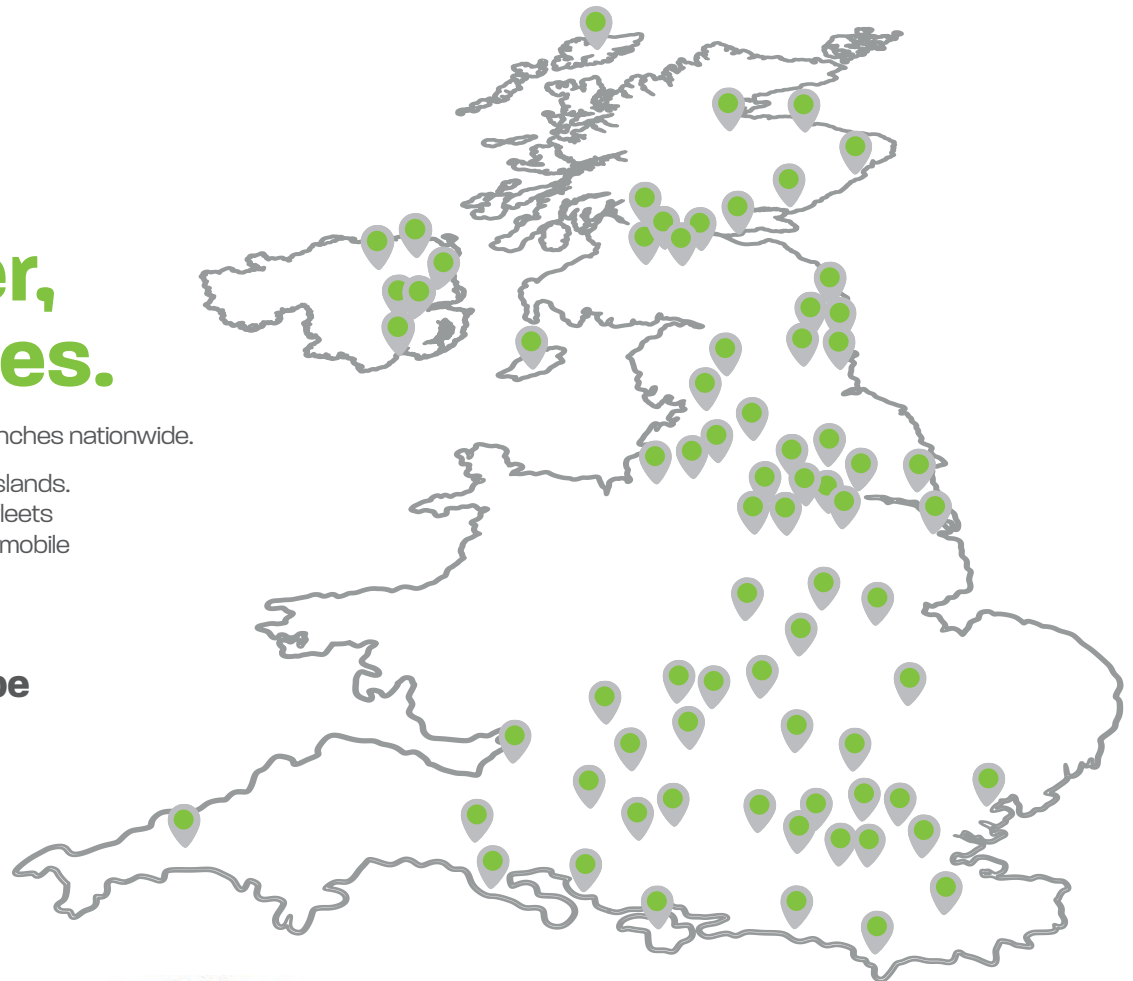**CALL CUSTOMER CARE**
01924 227941

EMAIL CUSTOMER CARE
enquiries@yesss.co.uk

BROWSE
yesss.co.uk

VISIT BRANCH
Over 95 UK branches

We'd love to keep you informed about any supplier price increases, our latest information, branch events and special offers. Opt in to our mailing list at: **http://eepurl.com/NC611**

Scan this QR code to download our FREE YESSS App

Contents

Quality Brands

The brands you know and trust! We are very proud to be associated with some of the industry's major brand leaders.

YESSS and Social Responsibility:

Environmental changes

One of the biggest ways that we have been able to address the environmental challenges we face, has been to upgrade our company vehicles to plug-in hybrid and full electric vehicles. 63% of our company vehicles in fact. YESSS will be further increasing the number of its electric vehicles by 2025 in order to lessen our impact on the environment. We also currently provide electric charging stations throughout our branch network and at our head office for our customers, visitors and employees to take full advantage of.
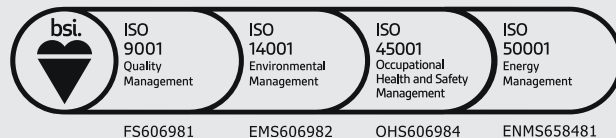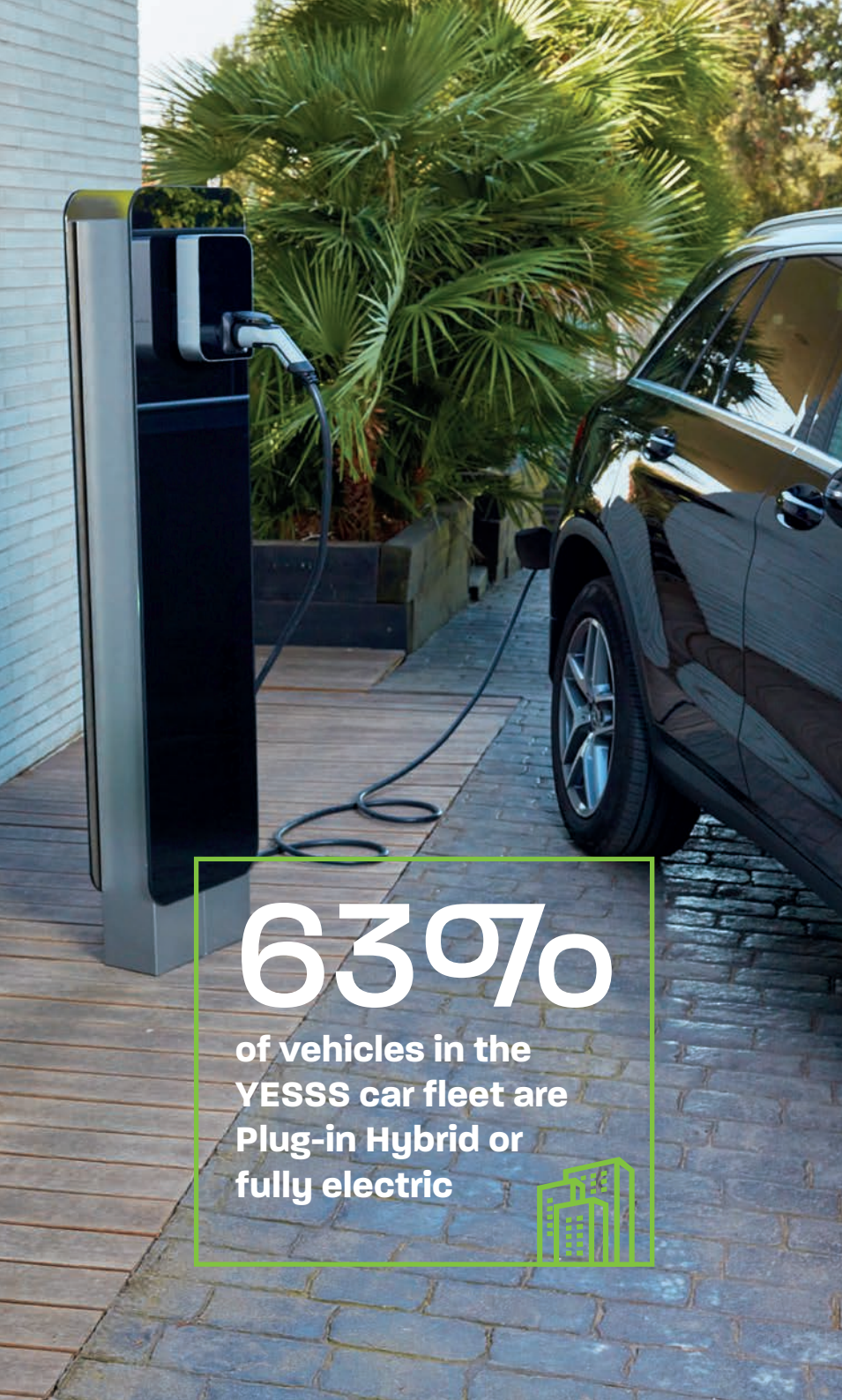
We practice what we preach

As end clients demand more from their supply chains to improve their environmental impact, you can be confident that YESSS EV & Energy are always striving for improvement as evident with our ISO140001 and ISO50001 accreditation

Our delivery routes are optimised in order to minimise polluting emissions

The Circular Economy

We are also transforming our working methods with the economic goal of a achieving a circular economy to reduce our waste and maximise full use of the resources we have. Our delivery routes are optimised in order to minimise polluting emissions. Our staff also use video and teleconferencing technology in order to significantly reduce travel by car and plane.

bsi.	ISO 9001 Quality Management	ISO 14001 Environmental Management	ISO 45001 Occupational Health and Safety Management	ISO 50001 Energy Management
	FS606981	EMS606982	OHS606984	ENMS658481

Future-Proofing Homes and Businesses:

Three key areas on the road to a carbon neutral, zero emission UK

+ **+**

Electric Vehicle Charging **Energy from renewable sources** **Emission reduction technology**

63%

of vehicles in the YESSS car fleet are Plug-in Hybrid or fully electric

By combining expert knowledge in this sector, unrivalled technical training and industry leading products, YESSS EV & Energy goes beyond the role of any other electrical wholesaler. Working with clients of all sizes to ensure intelligent, future-proofed charging equipment will meet vehicle charging requirements both now and in the future.

To power this new wave of electric vehicles we can offer a range of products and services which empower our customers to self-generate and self-store their own energy. This is done through solar, wind and battery storage, all the while working in partnership with renewable energy providers to maximise cost savings.

As the market moves into smart vehicle charging for both home and work, utilising time of use tariffs will not only reduce energy spend but enable proper balancing and management of the gird. Allowing the UK to cope with the increased power demands placed upon it.

Finally, through better monitoring and tracking of existing and current power usage, we can offer quick wins that free up energy to be diverted into other areas of your business or fleet. All of this is tied into the expert consultancy services we offer clients on emission reduction.

Reduce reliance on fossil fuels, reduce energy consumption and take full control over your energy future! We can help.

Think green. Think YESSS.

OLEV Grants:

Schemes for homes and workplaces

The Office for Low Emission Vehicles (OLEV) is part of the Department for Transport and the Department for Business, Energy & Industrial Strategy. A Government initiative supporting the early market adoption of ultra-low emission vehicles (ULEV). They are providing over £900 million to position the UK at the global forefront of ULEV development, manufacture and use. This will contribute to economic growth and will help reduce greenhouse gas emissions and air pollution on our roads.

Up to £14,000 grants available towards the installation of commercial EV charge points for workplaces

Under the 'Workplace Charging Scheme' Government OLEV grants of up to £14,000 are available towards the installation of a commercial EV charger for workplaces. With up to £350 grants also available towards the cost of domestic EV chargers under 'Homecharge Scheme' installations.

In addition to detailed product advice, all our products throughout this guide clearly display which scheme is applicable. In some instances EV chargers will be eligible for OLEV grants under either scheme.

Up to £350 grant available towards the installation of a domestic EV charger for homes

Office for Low Emission Vehicles

UP TO
£350
OLEV GRANT AVAILABLE
TOWARDS DOMESTIC EV CHARGERS

EV Charging Leads:
Plug types and speeds

EV charger speeds can be broken down into three different categories.

Slow charging - A slow charger is regarded as anything up to 3kW, and is generally a Mode 2 charger - i.e sockets not specifically designed for the charging of electric vehicles.

Fast charging - Classed as anything between 3.6kW and 22kW, generally capable of charging a vehicle in up to four hours, but predominantly used as an overnight charge. While not as fast as rapid chargers — and about four-times slower — they are the most common type of charger in the UK right now. These are ideal for home and business use.

Rapid charging - The fastest type of charger on the market, available in DC only. With charging power ratings between 25kW all the way up to 350kW. Both CCS and CHAdeMO connectors have standard outputs between 43kW to 50kW of power, which means they're able to charge 80% of a battery in 30 minutes to an hour. These chargers are usually found at service stations, forecourts and supermarkets. They're designed to be a short stay top up point for use on longer journeys or where are large top up is required over a short space of time.

TYPE 1 (AC) **TYPE 2** (AC) **CCS** (DC) **CHADEMO** (DC)

CHARGER POWER RATING	AVERAGE RANGE PER HOUR OF CHARGE
3.6kW	10 miles
7.4kW	25 miles
11kW	40 miles
22kW	80 miles
25kW	90 miles
50kW	180 miles
150kW	Up to 200 miles in 30 mins

Home Charging:

YESSS EV have access to a range of domestic charging points from leading manufacturers with a selection of technology to make both installation and user experience more seamless.

All these chargepoints are available with universal sockets or tethered charging cables, with charging speeds ranging from 3.6kW to 22kW.

Office for Low Emission Vehicles

UP TO
£350
OLEV GRANT
AVAILABLE
TOWARDS
DOMESTIC
EV CHARGERS

pod POINT

Solo Smart Charger (Socketed)

- In-built earth-neutral failure protection (no earth rod or isolation transformer required)
- Load balancing ensures no pre-authorisation required from the ENA or DNO
- Every unit is now fitted with 6mA DC leakage protection (no type B RCD required)
- Compatible with all plug-in vehicles
- Wi-Fi enabled
- Over the air software updates for the life of the charger*

TYPE 1 (AC) SOCKETED

TYPE 2 (AC) SOCKETED

Office for Low Emission Vehicles

UP TO
£350
OLEV GRANT
AVAILABLE
TOWARDS
DOMESTIC
EV CHARGERS

3 YEAR CUSTOMER WARRANTY

*When connected to Wi-Fi

PART NO.	POWER	DESCRIPTION
S7-UC-6MA-2	3.6-7kW	Socketed version
S22-UC-6MA-2	11-22kW	Socketed version

pod POINT

Solo Smart Charger (Tethered)

- In-built earth-neutral failure protection (no earth rod or isolation transformer required)
- Load balancing ensures no pre-authorisation required from the ENA or DNO
- Every unit is now fitted with 6mA DC leakage protection (no type B RCD required)
- Includes standard 7.5m tethered lead
- Pairs with the Pod Point App via Wi-Fi
- Over the air software updates for the life of the charger*

TYPE 1 (AC) TETHERED   TYPE 2 (AC) TETHERED

*When connected to Wi-Fi

PART NO.	POWER	DESCRIPTION
S7-1C-6MA-2	3.6-7kW	Type 1 tethered
S7-2C-6MA-2	3.6-7kW	Type 2 tethered
S22-2C-6MA-2	11-22kW	Type 2 tethered

Pod Point App

- Pairs with the Solo Smart Charger via Wi-Fi and gives you an insight into the cost of charging your EV
- Use your mobile device to see your charging history and every kW/h transferred to your EV from your mobile device
- Export and download itemised charging activity reports to form part of your home or vehicle budgeting

- Access over 3,000 charging bays on Pod Point's public charging network, many are free to use
- Find your nearest public charging point and receive Google Maps navigation to get there

Download on the App Store   GET IT ON Google Play

ROLEC*EV*

Wallpod:EV HomeSmart (Universal socket)

- 7.2kW (32A), Type 2 Socket
- GPRS Connectivity
- Mobile App controlled smart charging ensures your EV is ready to go when you need it – using the greenest, cheapest energy. The App also monitors and records all charging activity providing you with access to data and history
- 30 colour options available (standard unit colour - black base with lime green inserts)
- Every unit is now fitted with 6mA DC leakage protection (no type B RCD required)
- Universal socket able to charge all vehicles
- Includes 2mod metal clad consumer unit and RCBO

Rolec HomeSmart EV App

- Charging status
- Stop/start charging
- Smart and boost charging
- Charging history notifications
- Total energy used
- Historical data
- CO_2 savings advanced settings
- Off-peak optimisation
- Green charging
- Grid services
- Fleet management

Download on the App Store

GET IT ON Google Play

PART NO.	POWER	DESCRIPTION
EVHS2020	7.2kW (32A)	Type 2 socket

TYPE 2 (AC) UNIVERSAL

Office for Low Emission Vehicles
UP TO £350 OLEV GRANT AVAILABLE TOWARDS DOMESTIC EV CHARGERS

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ROLEC*EV*

Wallpod:EV HomeSmart (Tethered)

- Charging speeds up to 7.2kW
- GPRS Connectivity
- Mobile App controlled smart charging ensures your EV is ready to go when you need it — using the greenest, cheapest energy. The App also monitors and records all charging activity providing you with access to data and history
- 30 colour options available
- Every unit is now fitted with 6mA DC leakage protection (no type B RCD required)
- Tethered leads available in 5m and 10m lengths
- Includes 2mod metal clad consumer unit and RCBO

PART NO.	POWER	DESCRIPTION
EVHS1140	7.2kW (32A)	5m, Type 1 tethered cable
EVHS2140	7.2kW (32A)	5m, Type 2 tethered cable
EVHS2145	7.2kW (32A)	10m, Type 2 tethered cable

TYPE 1 (AC) TETHERED

TYPE 2 (AC) TETHERED

Office for Low Emission Vehicles
UP TO **£350** OLEV GRANT AVAILABLE TOWARDS DOMESTIC EV CHARGERS

home **SMART** EV

For support please contact:
support@ev.energy

ROLEC

Extensive colour options available:

Base Colour	Insert Colour
Warm white	Lime green
Jet black	Dusk blue
Dusk blue	Red
Light grey	Anthracite grey
Anthracite grey	Chocolate brown
Terracotta	

wallbox

Pulsar Plus

A practical and intelligent charging system and one of the most compact on the market, featuring advanced technology to provide the maximum charging performance for the vehicle.

- In-built earth-neutral failure protection (no earth rod or isolation transformer required)
- Status lights: reflects charging activity using intuitive colour code
- Bluetooth and Wi-Fi connectivity allows remote management of the charger via the MyWallbox app and portal
- Optional Power Boost balances charging and home energy use, maximising power available to your vehicle
- Includes 6mA DC leakage protection (no type B RCD required)
- 5 or 7m integrated cable options
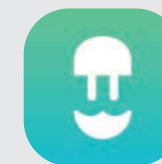- Charging power up to 7.4kW
- Available in black or white

TYPE 2 (AC) TETHERED

TYPE 1 (AC) TETHERED

Office for Low Emission Vehicles
UP TO £350 OLEV GRANT AVAILABLE TOWARDS DOMESTIC EV CHARGERS

3 YEAR WARRANTY

PART NO.	POWER	DESCRIPTION	COLOUR
PLP1-0-1-2-3-001	7.4kW	5m, Type 1 tethered cable	White
PLP1-0-1-2-E-002	7.4kW	5m, Type 1 tethered cable	Black
PLP1-0-2-2-E-001	7.4kW	5m, Type 2 tethered cable	White
PLP1-0-2-2-E-002	7.4kW	5m, Type 2 tethered cable	Black
PLP1-0-2-4-3-001	22kW	5m, Type 2 tethered cable	White
PLP1-0-2-4-3-002	22kW	5m, Type 2 tethered cable	Black

wallbox

Copper SB

- Suitable for both indoor and outdoor installation
- Charging power up to 22kW
- Socket connector is universally accepted by all plug-in vehicle types
- The authentication of users can be done through both RFID and the app
- Power Sharing Smart option available for balancing charging power across chargers

Part No: CPB1-S-2-4-5-002

3 YEAR WARRANTY

Office for Low Emission Vehicles
UP TO £350 OLEV GRANT AVAILABLE TOWARDS DOMESTIC EV CHARGERS

TYPE 2 (AC) SOCKETED

Wallbox App

- Acts as a link between the charger and the myWallbox portal via Bluetooth.
- Set up your device and get access to your consumption.
- Program charging sessions when energy price is lower.
- Set the charging current according to your needs or lock and unlock your charger to avoid misuse. All with a single click.
- Manage all your device settings from your mobile phone or tablet through the Wallbox application.

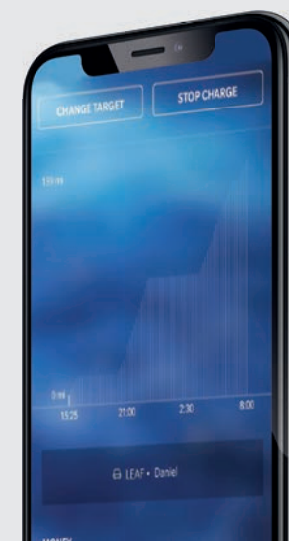Download on the **App Store**

GET IT ON **Google Play**

Ohme - Intelligent EV Charger App

- Set charging preferences - like daily commutes and weekend trips -See a simple summary of your cost per mile
- View your money savings compared to "dumb" charging
- See how much charge your EV has - wherever you are in the World
- Monitor your Green Score
- Track your CO_2 consumption per mile
- Track your CO_2 consumption compared to equivalent petrol and diesel cars

Download on the App Store

GET IT ON Google Play

Ohme
The Intelligent EV Charger

The Intelligent EV Charger

- Wall-mounted Ohme Charger for fixed installation
- Approved for OLEV Homecharge grant
- Tethered cable, available in both Type 1 and Type 2
- Fast charging at 32A/7.kW (about 25 miles an hour)
- Includes RCD (Type A and 6mA DC)
- 3G/4G connectivity for easy setup

3 YEAR WARRANTY

Office for Low Emission Vehicles

UP TO £350 OLEV GRANT AVAILABLE TOWARDS DOMESTIC EV CHARGERS

PART NO.	POWER	DESCRIPTION
OHME0001GB001	7.4kW	5m, Type 1
OHME0002GB001	7.4kW	5m, Type 2
OHME0201GB001	7.4kW	5m, Type 2 to Type 1
OHME0202GB001	7.4kW	5m, Type 2 to Type 2

Workplace Charging:

We have a wide range of workplace charging solutions to suit any requirement. These range from simple plug-and-play systems all the way up to full integrated smart charging networks. Speeds of up to 22kW are available (see DC section for charging ratings above 22kW).

Part of the YESSS EV & Energy offering is a design and consultation service revolving around the specific needs of the client/site.

Please enquire in branch with your YESSS Electrical specialist on how we can help you equip your workplace for your EV charging requirements, both now and in the future.

OLEV Workplace Charging Scheme (WCS)

Reduce the cost of Workplace chargepoints by up to £14,000 with the government WCS grant.

Eligibility checklist:

● Can be claimed by any business, charity or public authority (back claiming is not possible)

● You must have off street parking and be able to outline a business need for electric vehicle chargepoints, or an intent to encourage uptake among their staff and/or fleet

● Your chargepoints must be installed by an OLEV-approved

● You must apply for a digital voucher and present it to your chosen installer. The voucher will be valid for four months (120 days) from the date of issue

The grant is capped at £350 per socket, up to 40 sockets.

Office for Low Emission Vehicles

UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

No two commercial charging setups are the same

YESSS EV & Energy are committed to ensuring that the charging infrastructure you order is the best for your requirements. By providing the answers to the following questions your YESSS Electrical branch will be able to specify the best charging system(s).

1. **How many sockets would you like? 1 or 2?**

2. **Wall mounted or pedestal mounted?**

3. **Power rating of charging sockets: 3kW, 7kW, 11kW or 22kW?**

4. **Want to claim the workplace charging scheme grant?**

5. **How many chargers do you need?**

6. **Do you have single or three phase power on site?**

7. **Is load management required?**

8. **Do you want to restrict charging usage?**
   If yes, would you like to do so via app, RFID or Keylock?
   Please note that not all features and power ratings are available with every charging solution

9. **Do you want a back office system to monitor and track power usage?**

10. **Do you want to bill drivers for power usage?**
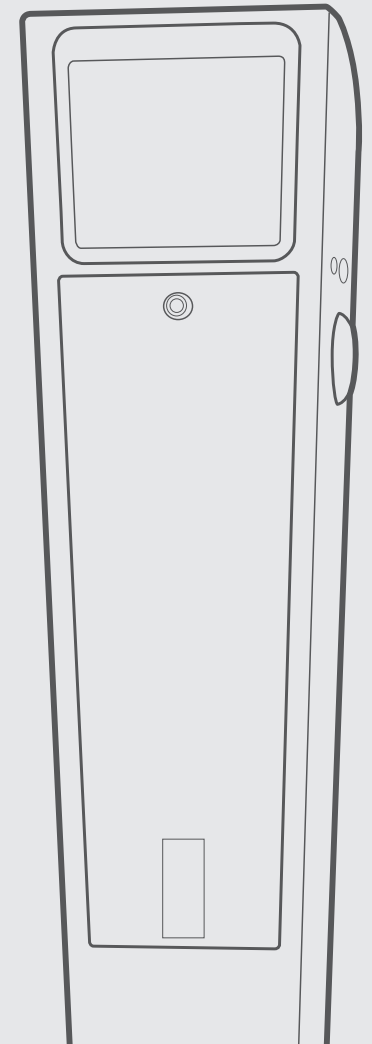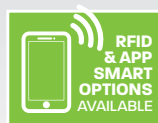
ROLEC*EV*

Wallpod:EV

Versatile and low cost, entry level electric vehicle charging in both Mode 2 and Mode 3 formats for domestic and workplace environments.

- Wall mounted single outlet charger
- Cost effective durable solution
- Charging speeds from 2kW to 22kW
- All units are supplied with AC and DC fault protection
- Plug-and-play/free to use as standard
- Available with GPRS and ethernet connectivity
- OCPP compliant versions available
- Compatible with all electric vehicles and PHEVs
- Wide range of colour combinations
- Available with optional post mount

Other models are available, ask in branch for more information

Office for Low Emission Vehicles

UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

13A SOCKET (EVWP0020)

TYPE 2 (AC) **UNIVERSAL**

RFID & APP SMART OPTIONS AVAILABLE

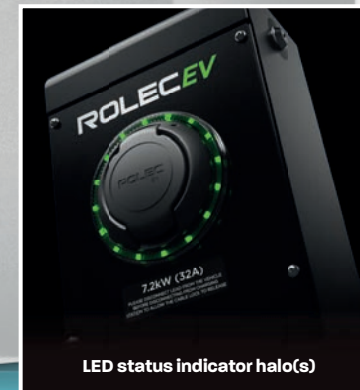| PART NO.	POWER	DESCRIPTION	CONNECTION	OPERATION	OLEV FUNDED
EVWP0020	13A (2kW)	WallPod:EV Ready Charging Unit	13A Domestic Socket	Free to use	No
EVWP2020	7.2kW (32A)	WallPod:EV Charging Unit	Type 2 Socket	Free to use	No
EVWP2046	22kW (32A)	WallPod:EV Charging Unit	Type 2 socket	Free to use	No
OCPP2026	7.2kW (32A)	WallPod:EV OpenCharge Charging Unit	Type 2 Socket	Plug-and-play/RFID/App	Yes (WCS)

ROLEC*EV*

SecuriCharge:EV

The SecuriCharge:EV wall unit range provides robust, heavy-duty, hard-wearing, vandal resistant EV charging solutions, specifically designed for exposed commercial and public facing locations.

- Wall mounted commercial charger
- Lockable to prevent unauthorised access
- Compatible with all electric vehicles and PHEVs
- Available with GPRS and ethernet connectivity
- OCPP compliant versions available
- Plug-and-play/free to use as standard
- Power ratings from 3.6 to 22kW
- In built AC and DC fault protection
- Single or dual outlet

UP TO **£14,000** OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

Office for Low Emission Vehicles

TYPE 2 (AC) UNIVERSAL

RFID & APP SMART OPTIONS AVAILABLE

LED status indicator halo(s)

PART NO.	POWER	DESCRIPTION	CONNECTION	OPERATION	OLEV FUNDED
EVSC0020	7.2kW (32A)	SecuriCharge:EV Charging Unit	Type 2 Socket	Free to use	No
EVSC0060	2 x 7.2kW (32A)	SecuriCharge:EV Charging Unit	Type 2 Sockets	Free to use	No
OCPP0111	7.2kW (32A)	SecuriCharge:EV OpenCharge Charging Unit	Type 2 Socket	Plug-and-play/RFID/App	Yes (WCS)
OCPP0121	2 x 7.2kW (32A)	SecuriCharge:EV OpenCharge Charging Unit	Type 2 Sockets	Plug-and-play/RFID/App	Yes (WCS)
OCPP0113	22kW (32A)	SecuriCharge:EV OpenCharge Charging Unit	Type 2 Socket	Plug-and-play/RFID/App	Yes (WCS)
OCPP0123	2 x 22kW (32A)	SecuriCharge:EV OpenCharge Charging Unit	Type 2 Sockets	Plug-and-play/RFID/App	Yes (WCS)

Other models are available, ask in branch for more information

ROLEC*EV*

BasicCharge:EV

One of the most affordable and adaptable EV charging pedestals in the UK.

- Cost effective entry level charging pedestal, ideal for offices
- Power ratings from 3.6 to 22kW
- Single or dual outlet
- In built AC and DC fault protection
- Authentication options to prevent unauthorised access
- Plug-and-play/free to use as standard
- Available with GPRS and ethernet connectivity
- OCPP compliant versions available
- Compatible with all electric vehicles and PHEVs
- LED illumination

LED amenity lighting and status indicator halos
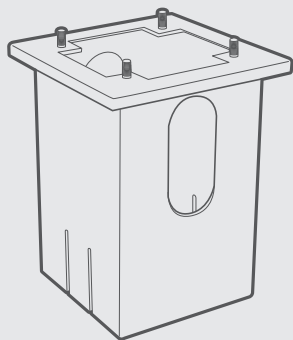
BasicCharge:EV Pedestal Ground Mounting Base

Part No: GMCP0010

- Provides strong, stable mounting for the BasicCharge:EV Pedestal
- Manufactured in hot dipped galvanised steel
- Width: 189mm, height: 240mm, depth: 189mm

Office for Low Emission Vehicles
UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

TYPE 2 (AC) UNIVERSAL

RFID & APP SMART OPTIONS AVAILABLE

PART NO.	POWER	DESCRIPTION	CONNECTION	OPERATION	OLEV FUNDED
EVCL2006	7.2kW (32A)	BasicCharge:EV Charging Pedestal	Type 2 Socket	Free to use	No
EVCL2016	2 x 7.2kW (32A)	BasicCharge:EV Charging Pedestal	Type 2 Sockets	Free to use	No
OCPP0211	7.2kW (32A)	BasicCharge:EV OpenCharge Charging Pedestal	Type 2 Socket	Plug-and-play/RFID/App	Yes (WCS)
OCPP0221	2 x 7.2kW (32A)	BasicCharge:EV OpenCharge Charging Pedestal	Type 2 Sockets	Plug-and-play/RFID/App	Yes (WCS)

Other models are available, ask in branch for more information

LED status indicator halo(s)

ROLEC*EV*

AutoCharge:EV Pedestal Ground Mounting Base

Part No: GMPG0010

- Provides strong, stable mounting for the AutoCharge:EV Pedestal
- Manufactured in hot dipped galvanised steel
- W: 270mm x H: 487mm x D: 270mm

AutoCharge:EV

A robust, heavy-duty range of hard-wearing EV charging pedestals specifically designed and manufactured to offer a variety of free-to-use or pay-to-use charging solutions for both commercial and public facing locations.
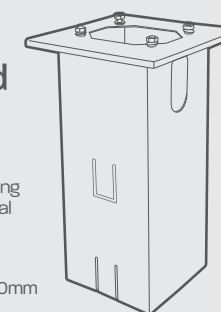
- Power ratings from 3.6 to 22kW ratings
- Floor mounted commercial charger
- Robust heavy duty pedestal, ideal for offices, exposed commercial locations or shared parking arrangements
- Authentication options to prevent unauthorised access
- Plug-and-play/free to use as standard
- Available with GPRS and ethernet connectivity
- OCPP compliant versions available
- Compatible with all electric vehicles and PHEVs
- Single or dual outlet
- In built AC and DC fault protection

PART NO.	POWER	DESCRIPTION	CONNECTION	OPERATION	OLEV FUNDED
EVPG0021	2 x 7.2kW (32A)	AutoCharge:EV Charging Pedestal	Type 2 Sockets	Free to use	No
EVPG0023	2 x 22kW (32A)	AutoCharge:EV Charging Pedestal	Type 2 Sockets	Free to use	No
OCPP0021	2 x 7.2kW (32A)	AutoCharge:EV OpenCharge Charging Pedestal	Type 2 Sockets	Plug-and-play/RFID/App	Yes (WCS)
OCPP0023	2 x 22kW (32A)	AutoCharge:EV OpenCharge Charging Pedestal	Type 2 Sockets	Plug-and-play/RFID/App	Yes (WCS)

Other models are available, ask in branch for more information

LED amenity lighting and status indicator halos

Office for Low Emission Vehicles

UP TO
£14,000
OLEV GRANT
AVAILABLE
TOWARDS
COMMERCIAL
EV CHARGERS

TYPE 2 (AC)
UNIVERSAL

**RFID & APP
SMART
OPTIONS
AVAILABLE**

ROLEC*EV*

Quantum:EV

The flagship of the Rolec range offering a unique blend of quality and value, specifically designed to add a touch of style and flair to the EV charging industry.

- Premium charging pedestal built from highly durable materials
- Ideal for locations such as: Offices, factories, private car parks, schools, depots and many more
- In built AC and DC fault protection
- Authentication options to prevent unauthorised access
- Plug-and-play/free to use as standard
- Available with GPRS and ethernet connectivity
- OCPP compliant versions available
- Compatible with all electric vehicles and PHEVs
- Robust anodised aluminium structure
- LED illumination
- IK10 impact rated

Quantum:EV Pedestal Ground Mounting Base

Part No: GMQR0010

- Provides strong, stable mounting for the Quantum:EV Pedestal
- Manufactured in hot dipped galvanised steel
- W: 375mm x H: 300mm x D: 274.5mm
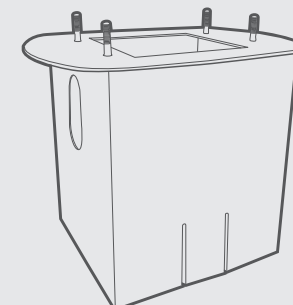
PART NO.	POWER	DESCRIPTION	CONNECTION	OPERATION	OLEV FUNDED
EVQR0121	2 x 7.2kW (32A)	Quantum:EV Charging Pedestal	Type 2 Sockets	Free to use	No
EVQR0123	2 x 22kW (32A)	Quantum:EV Charging Pedestal	Type 2 Sockets	Free to use	No
OCPP0421	2 x 7.2kW (32A)	Quantum:EV OpenCharge Charging Pedestal	Type 2 Sockets	Plug-and-play/RFID/App	Yes (WCS)
OCPP0423	2 x 22kW (32A)	Quantum:EV OpenCharge Charging Pedestal	Type 2 Sockets	Plug-and-play/RFID/App	Yes (WCS)

Other models are available, ask in branch for more information

ROLEC*EV*

EV Chargepoint branding

Bespoke branding options are available across almost all of Rolec EV's product range, including almost unlimited custom colour combinations and corporate logos.

wallbox

Commander 2

- Ideal for larger commercial, fleet and public use such as car parks with multiple different users
- Seven inch touch screen interface
- Multi user management capabilities through PIN code, RFID and Wallbox mobile app
- Balancing charging power across chargers thanks to Power Sharing Smart
- Dynamic load balancing (optional)
- Real time monitoring supported by myWallbox
- Integrated DC leakage protection
- One primary unit controls all secondary units meaning simple programming and installation
- Optional Power Boost balances charging and home energy use, maximising power available to your vehicle

PART NO.	POWER	DESCRIPTION	COLOUR
CMX2-0-1-2-5-001	7.4kW	5m, Type 1 tethered cable	White
CMX2-0-2-4-5-001	22kW	5m, Type 2 tethered cable	White
CMX2-0-2-4-5-002	22kW	5m, Type 2 tethered cable	Black
CMX2-0-2-2-5-007	22kW	5m, Type 2 tethered cable	Dark blue
CMX2-M-2-4-5-001	22kW	7m, Type 2 tethered cable	White
CMX2-M-2-4-5-002	22kW	7m, Type 2 tethered cable	Black

Office for Low Emission Vehicles

UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

3 YEAR WARRANTY
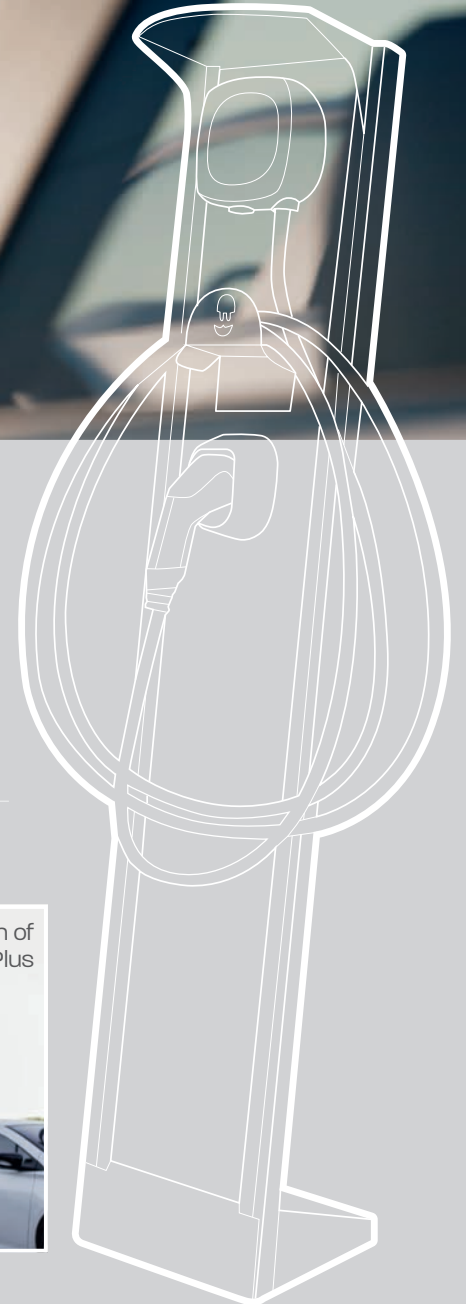
TYPE 2 (AC) TETHERED

TYPE 1 (AC) TETHERED

Charging Pedestals

Pulsar Pedestal: ACC-PLSR-PEDESTAL-000

Commander 2 Pedestal: ACC-CMX2-PEDESTAL-000

Master and slave with combination of Commander 2 and Pulsar Plus

wallbox

Pulsar Plus

A practical and intelligent charging system and one of the most compact on the market, featuring advanced technology to provide the maximum charging performance for the vehicle.

- In-built earth-neutral failure protection (no earth rod or isolation transformer required)
- Status lights: reflects charging activity using intuitive colour code
- Bluetooth and Wi-Fi connectivity allows remote management of the charger via the MyWallbox app and portal
- Optional Power Boost balances charging and home energy use, maximising power available to your vehicle
- Includes 6mA DC leakage protection (no type B RCD required)
- 5 or 7m integrated cable options
- Charging power up to 7.4kW
- Available in black or white

Office for Low Emission Vehicles — UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

3 YEAR WARRANTY

TYPE 2 (AC) TETHERED

TYPE 1 (AC) TETHERED

PART NO.	POWER	DESCRIPTION	COLOUR
PLP1-0-1-2-3-001	7.4kW	5m, Type 1 tethered cable	White
PLP1-0-1-2-E-002	7.4kW	5m, Type 1 tethered cable	Black
PLP1-0-2-2-E-001	7.4kW	5m, Type 2 tethered cable	White
PLP1-0-2-2-E-002	7.4kW	5m, Type 2 tethered cable	Black
PLP1-0-2-4-3-001	22kW	5m, Type 2 tethered cable	White
PLP1-0-2-4-3-002	22kW	5m, Type 2 tethered cable	Black

Office for Low Emission Vehicles — UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

3 YEAR WARRANTY

TYPE 2 (AC) SOCKETED

wallbox

Copper SB

Part No: CPB1-S-2-4-5-002

- Suitable for both indoor and outdoor installation
- Charging power up to 22kW
- Socket connector is universally accepted by all plug-in vehicle types
- The authentication of users can be done through both RFID and the app
- Power Sharing Smart option available for balancing charging power across chargers
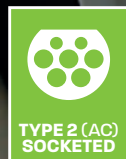
Copper Onyx Pedestal

Onyx Mono: B016C

Onyx Twin: B017C

- Option to single or dual mount chargers
- Compatible with: Wallbox Copper C, Copper S, SB and Commander 2
- Width 400mm, height 1700mm, depth 174mm

Freestanding Mount

Single - Part No: LPOD-1
Double - Part No: LPOD-2

- Freestanding mount for single or double Pod Point Solo units
- Compatible with tethered or socketed Solo units
- Designed for easy storage of J1772/Type 2 holsters
- Electric cabling can easily be fed up through the stand
- Black steel finish

pod POINT

Solo Commercial

A single vehicle charger designed for commercial purposes only. The solo charger is available in a universal socketed model only and can be supplied at a variety of charging rates. Available in a variety of charging rates, a 22kW charging rate will require the premises to have a 3 phase electrical supply.

- In-built earth-neutral failure protection (no earth rod or isolation transformer required)
- Every unit is now fitted with 6mA DC leakage protection (no type B RCD required)
- Wi-Fi connected
- Lifetime Over-the-Air software updates for your chargepoints

PART NO.	DESCRIPTION
S7-UP-6MA-2*	Single phase 3.6-7.2kW
S22-UP-6MA-2*	3 phase 11-22kW
PN-0010-3	3 year Data fee and MIS
COMMISSIONING	Commissioning

* Must include management information system (MIS) and commissioning ** According to general terms and conditions

pod POINT

Twin Commercial

The Pod Point Twin Charger is a dual Type 2-socketed vehicle charger suitable for commercial and public installations. The Twin charger is available for both single and three phase electrical supplies and is compatible with a pay-as-you-go charging system for drivers. Every Twin charger includes and ships with a surface mount foundation plate.

- Every unit is now fitted with 6mA DC leakage protection (no type B RCD required)
- Wi-Fi connected
- Lifetime Over-the-Air software updates for your chargepoints

PART NO.	DESCRIPTION
T7-S-6MA-2*	Single phase 3.6-7.2kW
T22-S-6MA-2*	3 phase 11-22kW
PN-0010-3/2	3 year Data fee and MIS
COMMISSIONING-2	Commissioning

Floor Mount Guard

Part No: G600-F

- Compatible with Pod Point Twin range
- Steel, black powdercoated smoth finish

Public Access Charging:

With a comprehensive range of public chargers we have a solution for everyone. From on street charging via bollards or lamp posts, to durable and hardwearing units for customer facing environments such as restaurants, leisure centres or car parks.

The public chargers listed offer versatility of payment options whether it be via App, token or RFID. A range of charging speeds are also available from slower overnight points all the way up to 22kW AC.

Please contact your local YESSS Electrical branch for a consultation

Electric vehicle recharging point only

Office for Low Emission Vehicles
UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

TYPE 2 (AC) SOCKETED

3 YEAR ON-SITE WARRANTY

pilot group

Plus+

- Mode 3 AC Charging
- Wall mount/ post mount
- Charging status LED
- 7.4kW Charger
- Single phase
- Built-in Type A – EV RCD
- Contactless payment / E-Wallet / Touchscreen / Monyx App
- Wi-Fi / Bluetooth
- Bespoke design options available
- User friendly app
- OCPP 1.6 Compliance

Part No: PGEVM-SEU003GEUY

Office for Low Emission Vehicles
UP TO £14,000 OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

TYPE 2 (AC) SOCKETED

3 YEAR ON-SITE WARRANTY

CONTACTLESS PAYMENTS

pilot group

Classic

- Mode 3 AC Charging
- Wall mount / post mount
- Charging status LED
- Same unit for all output
- Single/ Three phase
- Built in Type A – EV RCD
- Contactless payment / E-Wallet / Touchscreen / Monyx App
- Parking meter
- Internal MID meter optional
- Charge point management system
- OCPP 1.6 Compliance
- OTA Updates

PART NO.	DESCRIPTION
EVMBSEU003GEUY	Classic Socket
EVMBFSEU003GEUY	Classic Tethered
EVMBSEU003GEUY(D)	Classic Duo

CONTACTLESS PAYMENTS
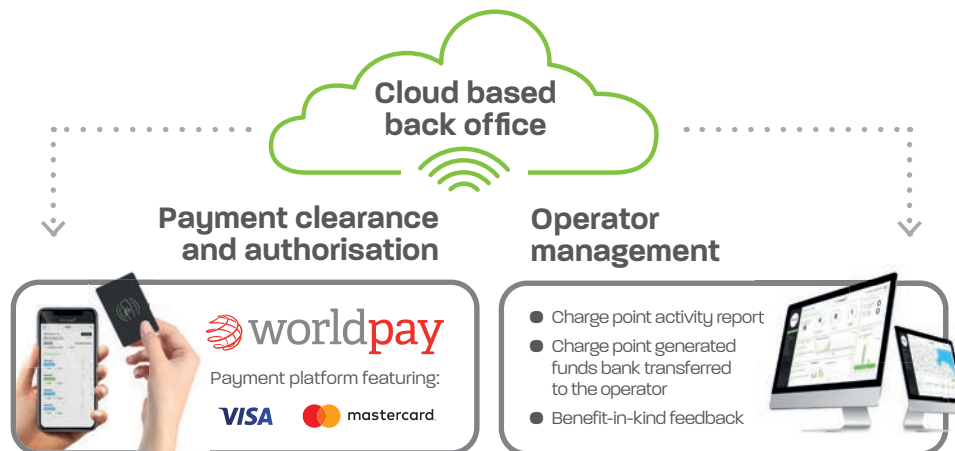
ROLEC*EV*

EV Charge.Online

EV Charge.Online is a unique EV charging platform providing businesses, organisations and similar with the ability to deploy and self manage their very own EV charging network without having to incur any of the significant costs associated with developing a back-office, phone app and secure payment/management platform.

The benefits... for your business/organisation
- You're In complete control
- Future-proof and scalable solution
- Mapped network
- Customisable tariffs
- Generate revenue
- Smart reporting and analytical feedback
- Fleet management solutions
- Automatic fault notifications
- Over the air updates
- Optional electrical load management

The benefits... for the EV driver
- Easy to operate using the smartphone App or RFID card/fob
- No membership, subscription or connection fees
- Secure payment platform

Cloud based back office

Payment clearance and authorisation

worldpay

Payment platform featuring:

VISA mastercard

Operator management
- Charge point activity report
- Charge point generated funds bank transferred to the operator
- Benefit-in-kind feedback

DELTA
in partnership with
ROLEC*EV*

EV Charge.Online App
- Locate & Navigate
- Charge Sessions
- Exportable Data
- Virtual Wallet
- My Favourites
- Statistics & Analytics
- Live Notifications
- Multi Vehicle Access

Download on the App Store

GET IT ON Google Play
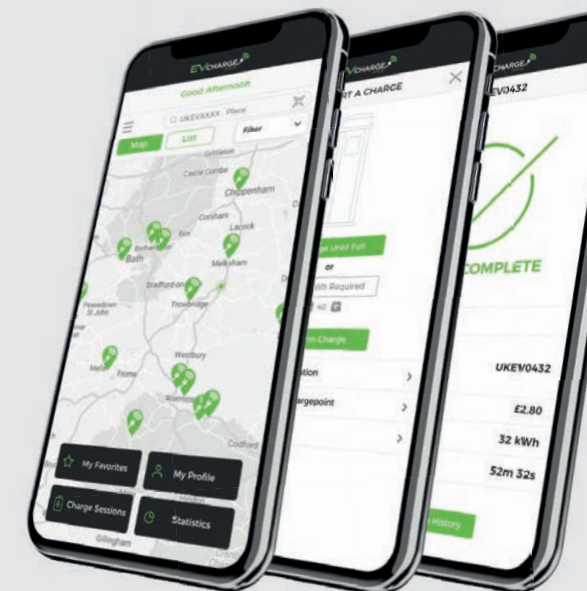
wallbox

Portal

- Manage all your company's chargers
- Group the chargers by location
- Manage different levels of access for all users
- Monitor the status of your chargers and their use in real time
- Access advanced reporting tools

Payment

- Receive payments via semi-public charging
- Pay-per-time based on QR codes from the App
- All paid transactions directly to your bank account
- Monitor transactions in real-time

Monitoring and Remote Control

- View the activity of your chargers in real-time
- Control user access in all locations
- Remotely update your devices

Reporting

- View all of your chargers activity
- Filter by use, location, charger and time period
- Download your CSV report at any time
- Automatically receive a monthly generated report

wallbox

Commander 2

- Ideal for larger commercial, fleet and public use such as car parks with multiple different users
- Seven inch touch screen interface
- Multi user management capabilities through PIN code, RFID and Wallbox mobile app
- Balancing charging power across chargers thanks to Power Sharing Smart
- Dynamic load balancing (optional)
- Real time monitoring supported by myWallbox
- Integrated DC leakage protection
- One primary unit controls all secondary units meaning simple programming and installation
- Optional Power Boost balances charging and home energy use, maximising power available to your vehicle

MyWallbox: Discover the best electric charging experience
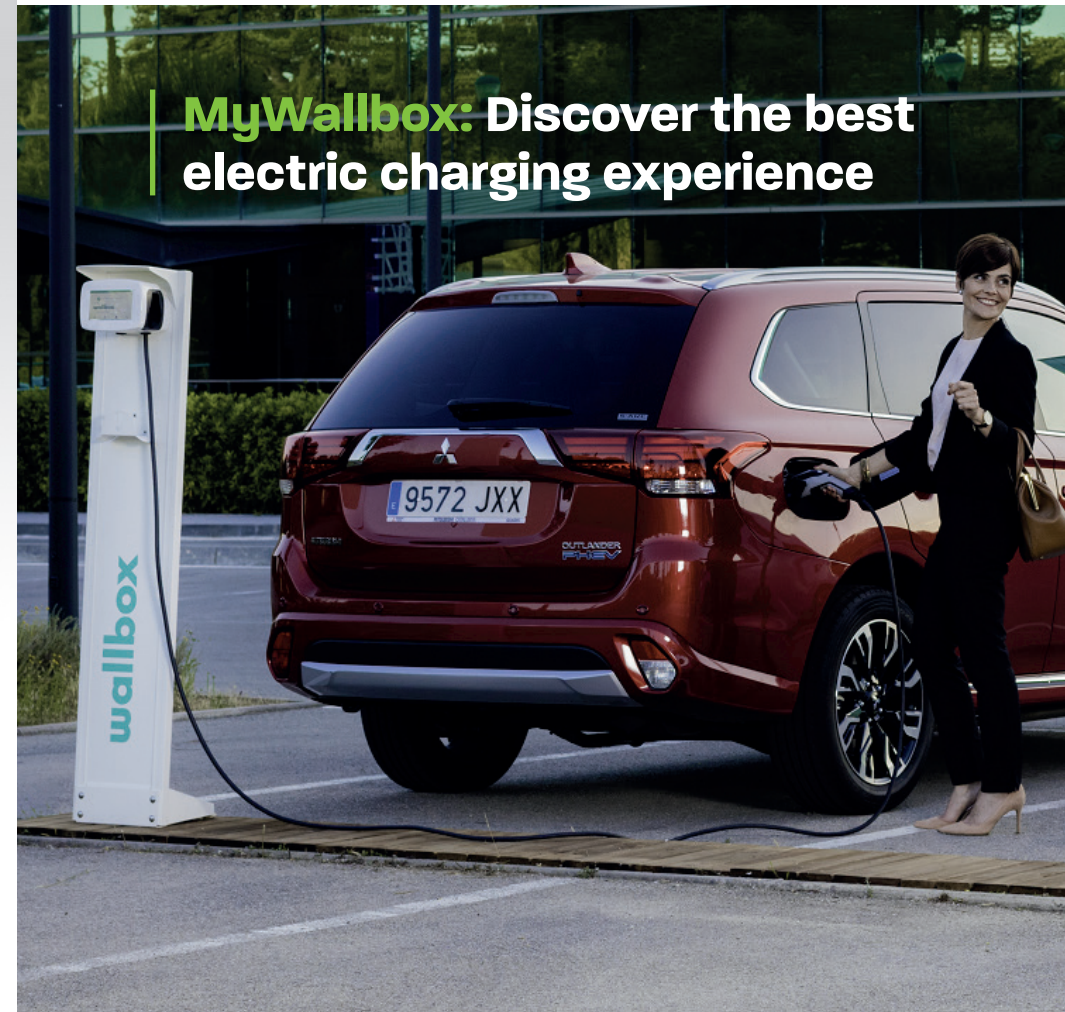
PART NO.	POWER	DESCRIPTION	COLOUR
CMX2-0-1-2-5-001	7.4kW	5m, Type 1 tethered cable	White
CMX2-0-2-4-5-001	22kW	5m, Type 2 tethered cable	White
CMX2-0-2-4-5-002	22kW	5m, Type 2 tethered cable	Black
CMX2-0-2-2-5-007	22kW	5m, Type 2 tethered cable	Dark blue
CMX2-M-2-4-5-001	22kW	7m, Type 2 tethered cable	White
CMX2-M-2-4-5-002	22kW	7m, Type 2 tethered cable	Black

3 YEAR WARRANTY

TYPE 1 (AC) TETHERED

TYPE 2 (AC) TETHERED

Office for Low Emission Vehicles
UP TO **£14,000** OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

wallbox

Copper SB

Part No: CPB1-S-2-4-5-002

● Suitable for both indoor and outdoor installation
● Available up to 22kW
● Socket connector is universally accepted by all plug-in vehicle types.
● The authentication of users can be done through both RFID and the app.
● Power Sharing Smart option available for balancing charging power across chargers.

Copper Onyx Pedestal

Onyx Mono: B016C
Onyx Twin: B017C

● Option to single or dual mount chargers
● Compatible with: Wallbox Copper C, Copper S, SB and Commander 2
● Width 400mm, height 1700mm, depth 174mm

Office for Low Emission Vehicles
UP TO **£14,000** OLEV GRANT AVAILABLE TOWARDS COMMERCIAL EV CHARGERS

3 YEAR WARRANTY

TYPE 2 (AC) SOCKETED

pod POINT

Smart Reporting:
Get an overview
of your chargepoint.
Set and control
pricing, and
understand your
business better
with powerful data
analytics.

Control Of
Your Network

As the number of EVs on the road
increases, the ability to own your
own network of EV charging stations
becomes extremely important.

Owning your network ensures that you
have control over its direct and indirect
revenue generating capabilities and
the EV driver experience at your site,
now and in the future. If you don't own
your network then you give up this
control to a third party, whose interests
may not be aligned with your own.

pod POINT

Twin Commercial

The Pod Point Twin Charger is a dual Type 2-socketed vehicle charger suitable for commercial and public installations. The Twin charger is available for both single and three phase electrical supplies and is compatible with a pay-as-you-go charging system for drivers. Every Twin charger includes and ships with a surface mount foundation plate.

- Every unit is now fitted with 6mA DC leakage protection (no type B RCD required)
- Wi-Fi connected
- Lifetime Over-the-Air software updates for your chargepoints

PART NO.	DESCRIPTION
T7-S-6MA-2*	Single phase 3.6-7.2kW
T22-S-6MA-2*	3 phase 11-22kW
PN-0010-3/2	3 year Data fee and MIS
COMM-ONBRD/2	Commissioning

*Must include management information system (MIS) and commissioning

**According to general terms and conditions

Office for Low Emission Vehicles
UP TO
£14,000
OLEV GRANT AVAILABLE
TOWARDS COMMERCIAL EV CHARGERS

TYPE 2 (AC) SOCKETED

3 YEAR ON-SITE** WARRANTY

OCPP:

What is OCPP?

OCPP, or Open Charge Point Protocol to give it its' full name, is a language used to communicate between a charger or chargers and a back-office management system. It provides added flexibility and freedom for chargers to be managed by third party outfits providing customers with greater control over both their charging network and the back-office system they opt for. In many instances the back-office management system is cloud based.

How it started

OCPP started as a forum in the Netherlands which sought to futureproof charging infrastructure by reducing reliance upon hardware manufacturer based software which was charger specific, and instead provide an open platform that could link groups of chargers from various manufacturers across countless locations into one easy to manage, easy to operate system. The forum, which initially comprised of two members, now has over 50. With more and more options available to the end client.

What are the benefits?

Charger hosts or owners are not tied into one back office management system based on the hardware they have purchased. OCPP provides the freedom to purchase hardware from one or several suppliers, and back office management from another. The key benefit here is flexibility, as we often see in the commercial charging market, clients do not wish to bill people for the usage of the charger in the early days to encourage EV uptake and reward early adopters. However, as EV becomes the norm and electricity usage creeps up via the charging points, clients may wish to then begin billing users for the energy consumed. An OCPP compatible unit could remain as a "plug and play" charger for some time but then merely by activating the software can be altered into a fully smart system.

The other main benefit that can be derived from this flexibility is a safety net. If you are reliant upon software from a charging manufacturer, and for whatever reason they cease to exist, you or your customers could be left with a dumb charger when you paid for and installed a smart one. With OCPP if one back office provider went into liquidation, you could merely switch across to another, reducing any downtime caused by this and limiting losses for your business and your customers.

A further by-product of the flexibility OCPP provides is the ability to mix and match charging hardware across a portfolio of sites. EV charging has advanced massively over the last few years and that upward curve of innovation and development is only set to continue. What could have been classified as the pinnacle of charging technology in 2015, by now, may be unfit for purpose. In many instances this isn't the fault of the hardware, because the standardised universal sockets and single-phase power ratings will still provide ample charge for most vehicles should they have a long enough dwell time. What causes many clients to feel their units are defunct is in fact the software, or lack of it. With OCPP enabled EV chargers, you merely switch or activate the back-office provision. When growing a charging network, it also means if a client buys one brand of charger today, but several more over the coming years, they do not have to run numerous back office platforms.

Eve Double Pro-line

- Charging speed: Single and triple phase, 3.7-22kW
- Size: 590 x 338 x 230mm
- Case: Reinforced sheet moulded composite with IK10 and IP54 rating
- Mounting: Wall or optional mounting pole
- Electrical input: 2 x feeder cables or 1 x feeder cable with load balancing across sockets
- User interface: 7" full colour screen with logo upload facility
- Eichrecht conformity and user authentication via Girocard (Giro-e) for German market
- Connectivity: GPRS / Ethernet
- Communication protocol: OCPP 1.6 (includes enhanced security protocol)
- Data security: ISO 27001
- Authorisation: RFID / Plug and charge
- Can also support OCPP 2.0 for those back offices where this is available

Please contact ev@yesss.co.uk for pricing and specification

GARO®

LS4 Public Charge Point

Made of Marine Grade Aluminum to meet the tough environment of public sites

- Dynamic load management to minimise the risk of overload, 50 sockets per cluster
- 360º light strip indicator which displays the charge status of each station from a distance
- MID Class 1 meters per socket
- Includes DC leakage protection and Type A RCCBs, MCBs per socket
- Width: 375mm, Height: 1400mm, Depth: 208mm
- Free standing and wall mounted
- IK10 / IP44 rated
- Compact versions available
- Heater build in to remove condensation
- Optional self reseting RCBO - request more info

TYPE 2 (AC) SOCKETED WITH MOTORISED INTERLOCK

RFID & APP SMART OPTIONS AVAILABLE

PART NO.	POWER	DESCRIPTION
LS4DCMT274WO-LAN	2 x 7.4kW	Free standing Type 2 socket, with metering, LAN and RFID
LS4DCMT274WO-MC	2 x 7.4kW	Free standing Type 2 socket, with metering, LAN and RFID
LS4DCMT222WO-LAN	2 x 22kW	Free standing Type 2 socket, with metering, LAN 4G and RFID
LS4DCMT222WO-MC	2 x 22kW	Wall mounted, with metering, LAN 4G and RFID

GARO®

GLB Plus Wall Box

A smart high end OCPP wallbox, fully compatible with back-office OCPP protocol.

- Charge controller with variable out from 6A to 32A
- Dynamic load management to minimise the risk of overload, 50 sockets per cluster
- Includes DC leakage protection
- Width: 205mm, Height: 422mm, Depth: 124mm
- Can be wall mounted or mounted on GLB stand
- IK08 IP44 rated
- RFID solutions

PART NO.	POWER	DESCRIPTION
GLB-B-DCMT274WOL	1 x 7.4kW	Type 2 socket with full OCPP & DC Monitoring
GLB-B-DCMT274FCL	1 x 7.4kW	Type 2 tethered with full OCPP & DC Monitoring
GLB-B-DCMT222WOL	1 x 22kW	Type 2 socket with full OCPP & DC Monitoring
GLB-B-DCMT274WOM	1 x 22kW	Type 2 socket with full OCPP & DC Monitoring

TYPE 2 (AC) SOCKETED WITH MOTORISED INTERLOCK

DC Rapid Charging:

The fastest way to charge an electric vehicle. Depending on model, EVs can be recharged to 80% in as little as 20 minutes.

All Rapid and Ultra-Rapid chargers have cables tethered to the unit, compatible only with rapid-charging vehicles.

Rapid DC chargers provide power at 50kW (125A), and typically use either the CHAdeMO or CCS charging standards. Both connectors typically charge an EV to 80% in 20 minutes to an hour depending on battery capacity and starting state of charge.

Ultra-Rapid DC chargers provide power at 100kW or more. These are typically either 100kW, 150kW, or 350kW - though other maximum speeds between these figures are possible. These are the next-generation of rapid charge point, able to keep recharging times down despite battery capacities increasing in newer EVs.

For those EVs capable of accepting 100kW or more, charging times are kept down to 20-40 minutes for a typical charge, even for models with a large battery capacity. Vehicles only able to accept a maximum of 50kW DC can still use ultra-rapid charge points, as the power will be restricted to whatever the vehicle can deal with.

We have chargers ranging from 25kW upto 350kW Ultra-Rapid, which can be specified and quoted upon request Please speak to your YESSS EV & Energy specialist regarding these options.

Unit with floor stand

PROJECT EV

40kW Floor Mounted Electric Car Charger

- Convenient – 7" Touch Screen LCD for parameter browsing and settings
- Full Protection – Full electrical protection, over/under temperature protection, etc
- Easy to Install – Wall-mounting or pole-mounting optional
- European Standard – OCPP v1.6 standard open communication protocol, IEC 62196 type II connector
- Stable – IP54 protection grade, capable for harsh environmental conditions
- Solar Compatible – All of our EV chargers are solar compatible and can be used in conjunction with existing solar installations
- Free Monitoring App – See more app details below
- OLEV – Project EV are fully OLEV accredited
- RFID Function – RFID Functionality
- 18th Edition Compliant
- OCPP SUPPORTED – OCPP v1.6 open charge point protocol. IEC 62196 tyoe II connector
- Dimensions (W x H x D) - 540 x 760 x 271mm

Floor Stand 40kW DC

EV-FLRSTAND-40KW

CCS (DC) TETHERED

RFID & APP SMART OPTIONS AVAILABLE

3 YEAR ON-SITE WARRANTY

CCS (DC) TETHERED

CHADEMO (DC) TETHERED

TYPE 2 (AC) UNIVERSAL

RFID & APP SMART OPTIONS AVAILABLE

DC UltraFast Charging Station

One of the most advanced, professionally engineered and future-proof ultrafast DC charging stations in the world.

This ultrafast charger is upgradable from the entry level 50kW unit in modules of 25kW all the way up to 150kW without ever having to change or modify the station itself.

Each station can offer up to 4x AC and DC charging outlet combinations, and charge up to 4x vehicles simultaneously.

The UFC has a number of charge activation settings, comprising Free-to-Charge as well as Pay-to-Charge solutions, including smartphone and/or RFID Contactless Smartcard (Back Office Managed).

- Future-proof modular design
- Offers both AC and DC charging
- Can offer up to 4 x DC/AC charging outputs
- Can charge up to four vehicles simultaneously
- Available in 50kW, , 100kW and 150kW formats
- Can be supplied in any kW format and upgraded to higher levels in the future
- Mix & match the DC and AC outputs to suit requirements
- DC charges in CHAdeMO and/or CCS Combo
- AC charges in 3.6kW, 7.2kW, 11kW, 22kW and 43kW
- OCPP (1.6) back-office integration
- EMC Certified & Harmonics Compliant
- 7" colour customer interface display screen
- RFID customer authentication interface
- CE certified

PART NO.	DESCRIPTION
EVDC0130	50kW DC + 65kW AC 4-in-1 (CHAdeMO + CCS + AC 43kW + 22kW)
EVDC0131	50kW DC + 43kW AC 3-in-1 (CHAdeMO + CCS + AC 43kW tethered type2 lead)
EVDC0132	50kW DC + 22kW AC 3-in-1 (CHAdeMO + CCS + 22kW socket)
EVDC0133	50kW DC 2-in-1 (CHAdeMO + CCS)
EVDC0134	50kW DC 2-in-1 (CCS + CCS)
EVDC0180	Ground mount structure (W800 x B600 x D413mm)

Other models are available, ask in branch for more information

CCS (DC) TETHERED

CHADEMO (DC) TETHERED

PART NO.	DESCRIPTION
EVDC0050	1 x CCS 4m
EVDC0060	1 x CCS 7m
EVDC0030	1 x CCS 1 x CHAdeMO 4m

DC Wallbox Rapid Charger

A low cost DC rapid charging solution which can be wall or pedestal mounted. Ideal for fleets, taxi companies, commercial locations, busy offices, etc.

RFID & APP SMART OPTIONS AVAILABLE

Available in both 1way and 2way configurations as follows:

- 1 x CCS Combo Single Connection
- 1 x CCS Combo + 1 x CHAdeMO Dual Connection

The DC WallBox has a number of charge activation settings/operations, including:

- Free-to-Charge
- Security Key Switch Control
- RFID Contactless smartcard (Back Office Managed)
- CCS Combo charging outlet
- CHAdeMO charging outlet
- 25kW DC Rapid charging output
- RFID contactless card reader
- 200-500Vdc CCS Combo output voltage range
- 50-500Vdc CHAdeMO output voltage range
- 94% power efficiency
- OCPP connectivity (GPRS/Ethernet/Wi-Fi)
- Emergency stop button
- IEC 61000-3-12 compliant (harmonics)
- Power factor →0.98
- IP55 protection
- IK08 vandal-resistant casing
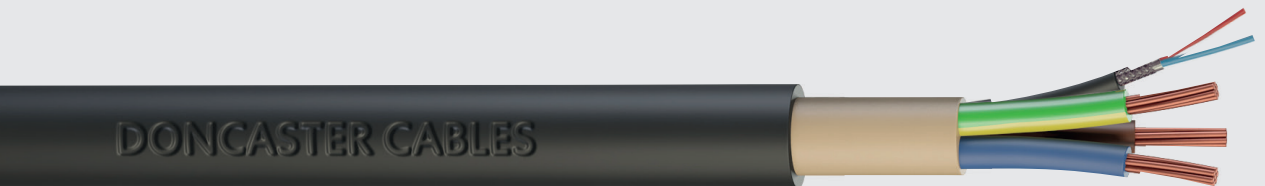- CE certified

DC Wallbox Stand

Part No: EVDC0040

- Powder coated galvanised steel pedestal
- Dimensions with WallBox fitted: H: 1425 x W: 1010 x D: 355mm
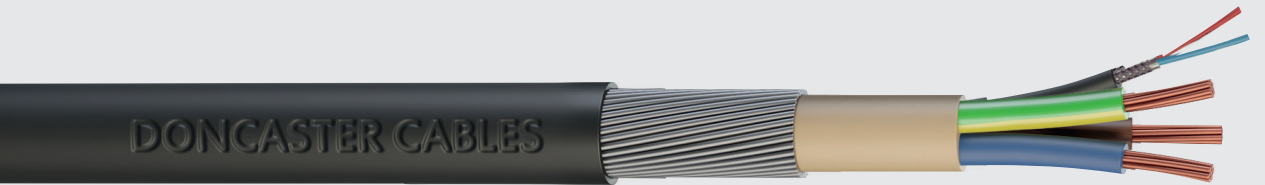 Stand only: H: 1091 x W: 600 x D: 320mm
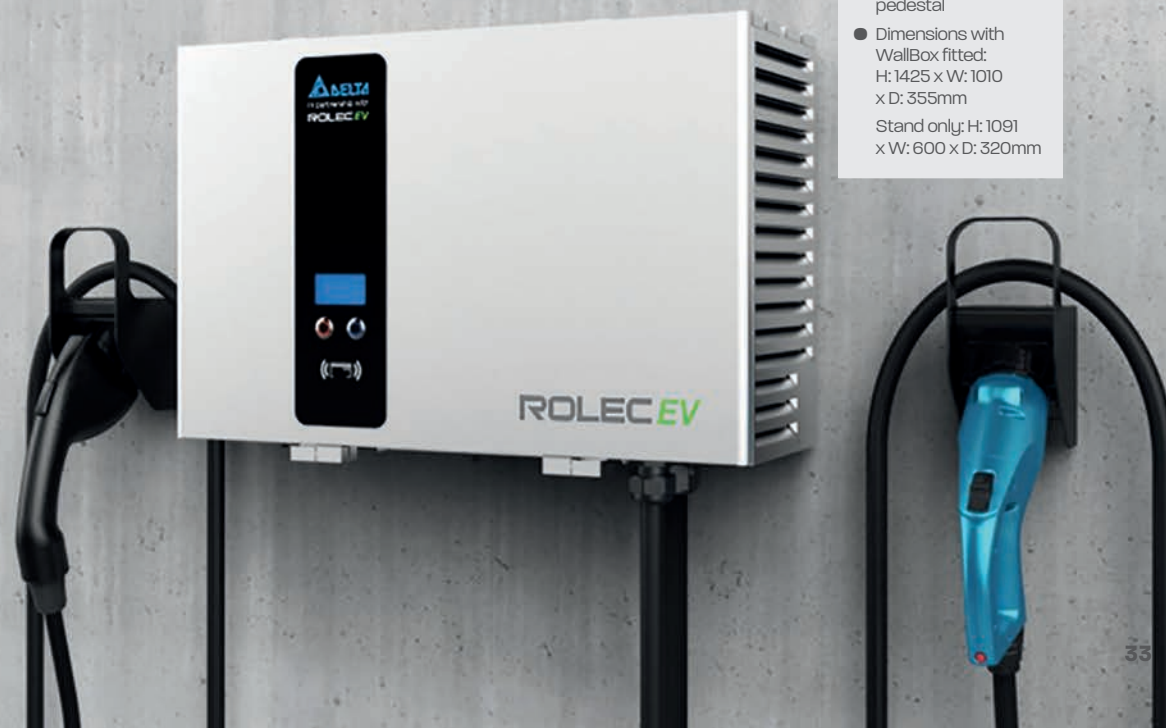
Charging Accessories:

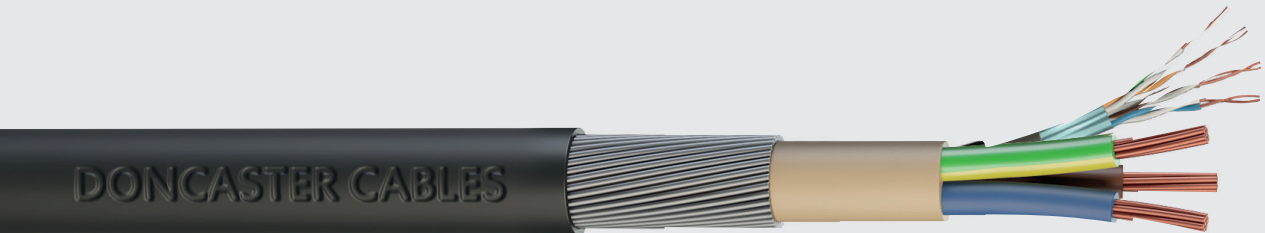Charging cables, consumer units and signage, essential accessories for EV chargers.

EV-Ultra Tuff-Sheath

EV-Ultra SWA

EV-Ultra Cat5 Tuff-Sheath

EV-Ultra Cat5 SWA

Doncaster **Cables**

EV-Ultra Cable

Designed for use with the installation of electric vehicle charge points. The cable incorporates power conductors and a two core screened data cable, encapsulated in a double sheathed design for extra protection.

Can be installed in air, clipped to a surface, on cable tray/ ladder work and embedded in concrete. The cables can be laid direct in the ground providing that suitable additional mechanical protection is in place.

● Power and data combined in one cable
● Less storage space required
● Easier to handle
● Easier to route through walls and buildings
● Saves installation time
● Gives a cleaner, neater looking installation

PART NO.	DESCRIPTION
EV-ULTRA3C4.0	3 Core 4mm² Power and Data Cable
EV-ULTRA3C4.0SWA	3 Core 4mm² SWA Power and Data Cable
EV-ULTRA3C6.0	3 Core 6mm² Power and Data Cable
EV-ULTRA3C6.0SWA	3 Core 6mm² SWA Power and Data Cable
EV-ULTRA3C4.0CAT5	3 Core 4mm² Power and Cat5 Cable
EV-ULTRA3C4.0SWACAT5	3 Core 4mm² SWA Power and Cat5 Cable
EV-ULTRA3C6.0CAT5	3 Core 6mm² Power and Cat5 Cable
EV-ULTRA3C6.0SWACAT5	3 Core 6mm² SWA Power and Cat5 Cable

ROLEC*EV*

EV Charging Cables

● 5 - 10m length
● 16A and 32A
● Type 1 and Type 2 combinations

PART NO.	DESCRIPTION	LENGTH	AMPS
EVPP0140	Type 1 to Type 2	5m	16A
EVPP0160	Type 1 to Type 2	5m	32A
EVPP0163	Type 1 to Type 2	10m	32A
EVPP0080	Type 2 to Type 2	5m	16A
EVPP0100	Type 2 to Type 2	5m	32A
EVPP0105	3 phase Type 2 to Type 2	5m	32A
EVPP0107	Type 2 to Type 2	10m	32A
EVPP0320	Cable Carrying Bag	-	-

ROLEC*EV*

EVChargeCheck

Part No: EVTU0018

● Designed to carry out a full range of tests on most 3.6kW (16A) and 7.2kW (32A) single phase, Mode 3, J1772 (Type 1) and IEC 62196 (Type 2) EV charging points
● Test the Mode 3 communication unit by simulating the communication protocol of an electric vehicle
● Includes adapter cable and carry bag

ROLEC*EV*

Signage

● Aluminium screen printed EV charging station sign

PART NO.	SIZE
EVPS0010	A4
EVPS0020	A5
EVPS0030	A3

ROLEC*EV*

Protection Barriers

Root mounted: EVCB0020
Surface bolted: EVCB0040

● Galvanised steel powder coated
● Available in bespoke colours.

GARO

Domestic Consumer Unit 40A Type B RCBO PME Fault Det

Part No: G8EV40PMEB

- Rated current: 40A
- Rated voltage: 230 V AC
- Rated short-circuit capacity: 4kA
- Annex ZB: 16kA rms at 250V
- Main Device: 40A RCBO Type B
- Additional Devices: PME Fault detection for single phase installations
- Degree of protection: IP40
- Total number of ways: 8
- Type A also available

REMOVES THE NEED FOR AN EARTH ROD

eris
Consumer

2 Pole 30mA Type A RCDs

- 2 Pole
- 230V
- 6kA rated
- 30mA trip
- Type A
- CE and SEMKO certified
- BS EN61008-1, EN61108-2-1
- AC & DC current

PART NO.	AMPS
ERS2P40A30A	40
ERS2P63A30A	63

eris
Consumer

4 Module 2 Way Metal Clad Single Phase Consumer Unit

Part No: ERSMCU4

- All enclosures come with 1 x connection kit for a choice of mains switch or RCD
- IP20 rated
- CE certified
- BS EN 62208
- BS EN 61439-3 when fitted with mains switch or RCD
- Operating voltage: 230V
- Width: 123mm, Depth: 118mm, Height: 243mm
- Number of Modules: 4
- Number of Ways: 2

eris
Consumer

2 Pole 30mA Compact Type A RCBOs

- 2 Pole
- C curve
- 6kA rated
- Type A
- CE and SEMKO certified
- BS EN61009-1, EN61009-2
- AC & DC current

PART NO.	AMPS
ERS2R632A	32
ERS2R640A	40

Gland Pack

Part No: YCW20
- 4 part gland kit comes with shrouds, earth tags and steel locknuts
- For use in outdoor conditions
- Thread size: M20
- Brass

Cable Cleats

Part No: YCC7
- Pack Quantity: 100
- Black
- Made from Polypropylene
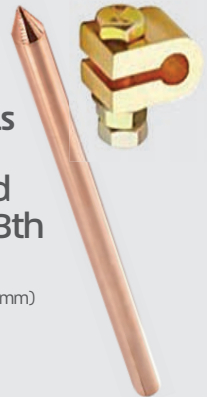- Cable Diameter Min: 15.1mm, Max: 17.8mm

Earth Rod Pit

Part No: YERPIT
- Plastic

IET Code of Practice for Electric Vehicle Charging Equipment Installation, 3rd Edition

Part No: PIETEVC20
- This Code of Practice provides a clear overview of EV charging equipment, as well as setting out the considerations needed prior to installation and the necessary physical and electrical installation requirements

Wireplast
Wiring Accessories
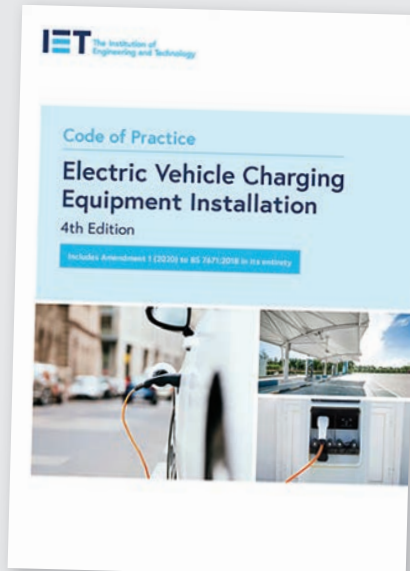
100A Single Pole Connector Block 5x35mm

Part No: WSPCB100
- Robust construction
- For use at mains and meter positions
- Width: 67mm, Depth: 63mm, Height: 106mm
- Easy knockout entry points
- 1 year guarantee
- IP20 rated
- 100A

Earth Rod and Clamp Set 3/8th

Part No: YER384C
- 3/8" x 4ft (9.5mm x 1200mm)
- Copper & Brass

Earth Rod to Lug Clamp

Part No: YERLC38
- 3/8" (9.5mm)
- Brass

# Jumptech: Focus on the EV installation, not the admin!

YESSS EV & Energy has signed an agreement with Cambridge-based company Jumptech Ltd, developers of a new innovative software platform that takes EV charger installation to the next level. Software that allows engineers to focus on the installation and not on the admin, dramatically increasing productivity!

This unique software simplifies and manages the end to end process of installing domestic EV charge points. A self-survey tool enables installers to easily capture all the required information from prospective customers, by texting them a link to a form that collects all their property details, information and photos needed for the installer to quote. Thus, no direct contact is needed! A massive benefit in today's world where social distancing guidance is so important! The platform also offers a back-office workflow management function that takes care of generating the required documentation (e.g. OLEV, DNO), drastically reducing the margin for error on a job! A mobile field app also assists the installer on site by gathering all the required data, photos and signatures that are needed for the Annex-D submission. The back office workflow management tool, also enables the installer to generate and send quotes and includes a scheduling calendar with live status updates. As you'd expect - the mobile app doesn't require a connection to be used, it simply updates once online.

The platform is already being used by many of the leading EV charge point installers in the UK, and this agreement now makes it available to all installers who are customers of YESSS.

Head of EV & Energy at YESSS, Declan Murphy commented, "YESSS is always looking to provide additional support and services to our customers and suppliers, and Jumptech's platform achieves this perfectly, simplifying charge point installs and enabling YESSS to offer a comprehensive install service to charge point manufacturers".

Jumptech's highly efficient tool will significantly lower costs; streamline customer experience; and allow quick qualification of suitable customers. Truly a unique resource that will offer EV charge points to more businesses investing in the zero-carbon economy.
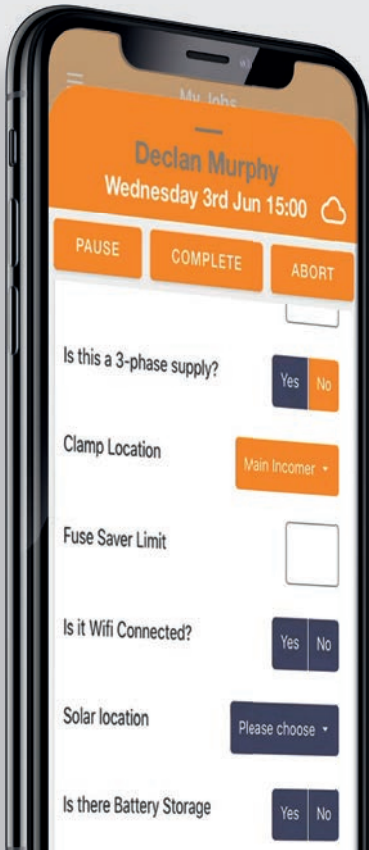
Battery and Solar Solutions:

Solar panels require sunlight to create energy, so as soon as its dark you'll be back using power from the grid. Having a battery means the surplus solar energy can be fed into the battery. The batteries are charged during the day by means of solar energy. The surplus solar energy is fed into the battery rather than being exported to the National Grid. Therefore batteries are always fully charged and can be used on an evening.
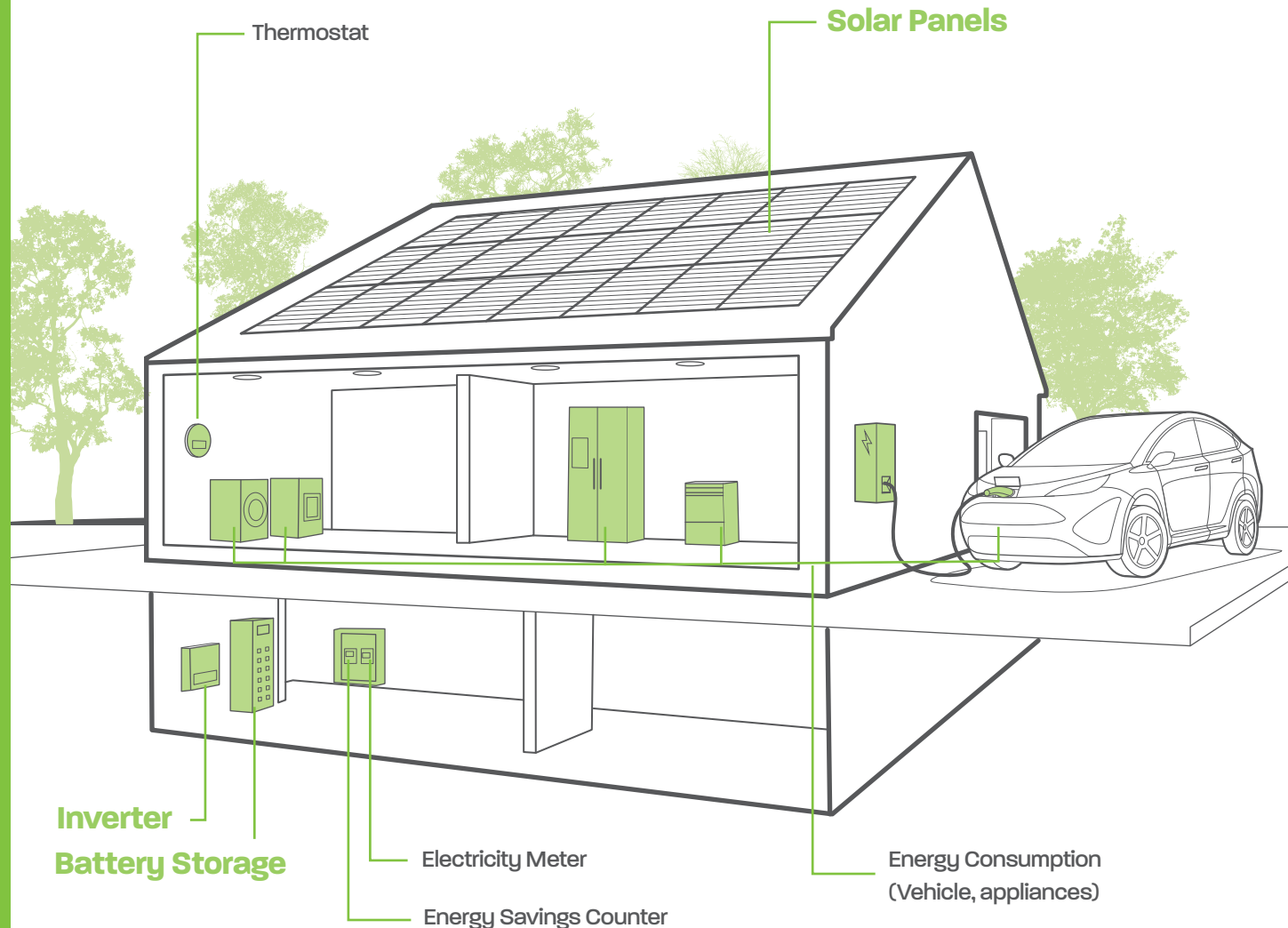
In the summer, when there is adequate solar energy, the home can run for much longer without relying on the national grid. Batteries can help home owners and businesses reduce electricity bills while maximising energy independence from the grid.

YESSS EV & Energy Design Service

We provide a commercial project design and consultation service for all renewables products, including: EV Charging, Solar PV, Battery Storage and Wind Energy.

Please contact your local YESSS Branch or ev@yesss.co.uk for further information

House of the future

Thermostat

Solar Panels

Inverter

Battery Storage

Electricity Meter

Energy Savings Counter

Energy Consumption (Vehicle, appliances)

ENERGY SMART METERING

Cut your energy costs

Energy costs keep going up. Which means smart businesses are actively looking for ways to manage their spiralling overheads. Measure My Energy is a UK-based tech company, and we provide our business customers with clever kit that helps them understand exactly how they use energy.

YESSS Industrial in partnership with:

Measure My Energy

The equipment

- Plastic or metal chassis
- Easy installation
- Easy to connect
- Non-invasive
- Standard 12/24/36 way PDM units

Designed and built in the UK

- Flexible data connection (LAN or 4G)
- Measure individual single and 3 phase circuits in real time
- Can be extended to monitor all circuits in any building
- Connections via CT clamps

Access your data from anywhere

- Accessible anywhere via mobile, PC or tablet
- Multiple access available (with customisable permissions)
- Single and multi-site views
- Multi-language and currency customisation
- Energy exceeding pre-set levels or being used when it shouldn't be (e.g out of hours)
- Immediate notification of equipment that has failed

Itemisation of your energy bill
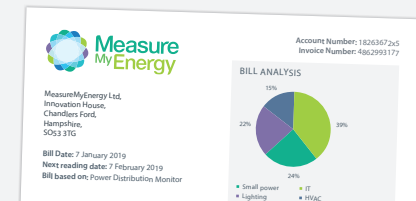
- Itemisation of your energy bill (circuit level, in real time)
- This allows you to make informed decisions on your consumption
- Overall and instantaneous power consumption
- Show split between working and non working hours
- Costs in Pounds and Pence
- Carbon footprint usage

We work with all customers large and small from every sector (Retail, Commercial FM, Industrial)

Consumption Analysis

- Initial benchmarking of energy efficiency
- Investment Proposal and Approval

- Detailed assessment of current energy usage (circuit level) used to cost-justify new investments

Investment Validation

- Auditing performance and validating
- Itemisation of your energy bill

- Decision and ROI on the following types of installations: Transformers, Voltage Optimisation HV/LV, and Lighting
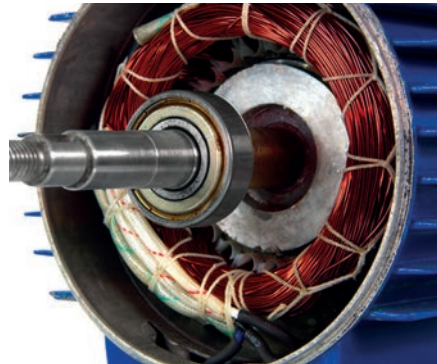
INDUSTRIAL SERVICES AND SUPPORT
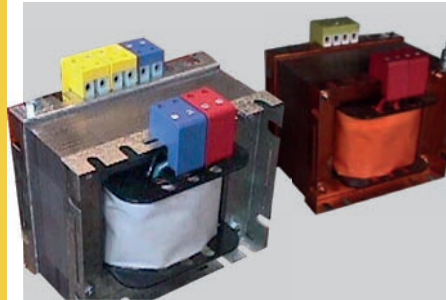
YESSS INDUSTRIAL

INDUSTRIAL ELECTRONIC REPAIRS

MOTOR AND REWINDS

SPECIAL TRANSFORMER BUILDS

OBSOLESCENCE MANAGEMENT

SPECIAL PANEL BUILDS

MOTOR AND REWINDS

INDUSTRIAL CALIBRATIONS

ENERGY SAVING SURVEYS AND SOLUTIONS

UK Clean Air Zone

What is a Clean Air Zone?

A Clean Air Zone is defined an area where targeted action is taken to improve air quality.
It can be confined to a single road or a part of a city.This can include an area in which vehicles
can be charged or fined for entering.

Why is the Government introducing Clean Air Zones?

The Government has a long term strategy to improve air quality across the country by discouraging
the use of older, more polluting, vehicles and has a short term goal to reduce the number of areas
in the UK where air pollution breaches legal limits.

What areas will be targeted by Clean Air Zones?

Five cities have been mandated by the Government to introduce a Clean Air Zone, these are
Birmingham, Leeds, Nottingham, Derby and Southampton. The Government has also named
23 local authorities where it expects pollution levels to reach illegal levels by 2021. They must
all carry out a feasibility study to determine whether or not a Clean Air Zone is required.

How will Clean Air Zones be introduced?

Local authorities are responsible for the implementation of clean air zones. Each Council was asked
to create an Air Quality Improvement Plan and submit it to Government by March 2018.
Once approved, the local authority can receive funding to help set up the zone.

What vehicles will be affected by the Clean Air Zones?

Local authorities can decide what level of restriction to apply. There are four classes of Clean Air Zone:

1. Class A - Buses, coaches, taxis and private hire vehicles
2. Class B - Buses, coaches, taxis, PHVs and heavy goods vehicles (HGVs)
3. Class C - Buses, coaches, taxis, PHVs, HGVs and light goods vehicles (LGVs)
4. Class D - Buses, coaches, taxis, PHVs, HGVs LGVs and cars

Buses, coaches and HGVs that meet Euro VI emissions standards must be exempt from any charges
or restrictions. Cars, vans and taxis that meet Euro 6 (diesel) or Euro 4 (petrol) emissions standards
must be exempt from any charges or restrictions. Ultra-low emission vehicles with a significant
zero-emission range must be exempt from and charges or restrictions.

How much will it cost to enter a Clean Air Zone?

Charging is not compulsory. Local authorities will only be able to set charges at levels designed
to reduce pollution, not to raise additional revenue beyond recovering the costs of the scheme.

Will I be charged to enter a CAZ?

The Government provides a tool for drivers to check. You'll need the registration number
of the vehicle in question.

- Clean Air Zone expected or being planned
- Area required by government to produce a CAZ plan
- CAZ not expected or opposed by local authority

Changes to Benefit in Kind (BIK) and Government plans

The government currently sets BiK rates to encourage employers and company car drivers to choose vehicles with lower CO_2 emissions. This benefit is calculated using the car's P11D value

The table below shows the percentage BiK rates, depending on vehicle CO_2 emissions from conventional fuel (only →0 for plug-in hybrid electric cars) and using WLTP figures. The table represents electric, petrol and diesel related BiK rates.

YESSS we support fleet drivers!

BiK Rates for cars registered after April 2020

VEHICLE CO₂ EMISSIONS	BIK RATE (ELECTRIC, PETROL, RDE2 DIESEL)		
	2020-21	2021-22	2022-23
0g/km	0%	1%	2%
1-50g/km (electric range →130 miles)	0%	1%	2%
1-50g/km (electric range 70-129 miles)	3%	4%	5%
1-50g/km (electric range 40-69 miles)	6%	7%	8%
1-50g/km (electric range 30-39 miles)	10%	11%	12%
1-50g/km (electric range ←30 miles)	12%	12%	14%
51-54g/km	13%	14%	15%
55-59g/km	14%	15%	16%
60-64g/km	16%	17%	18%
65-69g/km	16%	17%	18%
70-74g/km	17%	18%	19%
75-79g/km	18%	19%	20%
80-84g/km	20%	21%	22%
85-89g/km	20%	21%	22%
90-94g/km	21%	22%	23%
95-99g/km	22%	23%	24%
100-104g/km	23%	24%	25%
105-109g/km	24%	25%	26%
110-114g/km	25%	26%	27%
115-119g/km	26%	27%	28%
120-124g/km	27%	28%	29%
125-129g/km	28%	29%	30%
130-134g/km	29%	30%	31%
135-139g/km	30%	31%	32%
140-144g/km	31%	32%	33%
145-149g/km	32%	33%	34%
150-154g/km	34%	35%	35%
155-159g/km	34%	35%	36%
160-164g/km	35%	36%	37%
165-169g/km	36%	37%	37%
→170	37%	37%	37%

BiK Rates for cars registered before April 2020

VEHICLE CO₂ EMISSIONS	BIK RATE (ELECTRIC, PETROL, RDE2 DIESEL)			
	2019-20	2020-21	2021-22	2022-23
0g/km	16%	0%	1%	2%
1-50g/km (electric range →130 miles)	16%	2%	2%	2%
1-50g/km (electric range 70-129 miles)	16%	5%	5%	5%
1-50g/km (electric range 40-69 miles)	16%	8%	8%	8%
1-50g/km (electric range 30-39 miles)	16%	12%	12%	12%
1-50g/km (electric range ←30 miles)	16%	14%	14%	14%
51-54 g/km	19%	15%	15%	15%
55-59 g/km	19%	16%	16%	16%
60-64 g/km	19%	17%	17%	17%
65-69 g/km	19%	18%	18%	18%
70-74 g/km	19%	19%	19%	19%
75g/km	19%	20%	20%	20%
76-79g/km	22%	20%	20%	20%
80-84g/km	22%	21%	21%	21%
85-89g/km	22%	22%	22%	22%
90-94g/km	22%	23%	23%	23%
95-99g/km	23%	24%	24%	24%
100-104g/km	24%	25%	25%	25%
105-109g/km	25%	26%	26%	26%
110-114g/km	26%	27%	27%	27%
115-119g/km	27%	28%	28%	28%
120-124g/km	28%	29%	29%	29%
125-129g/km	29%	30%	30%	30%
130-134g/km	30%	31%	31%	31%
135-139g/km	31%	32%	32%	32%
140-144g/km	32%	33%	33%	33%
145-149g/km	33%	34%	34%	34%
150-154g/km	34%	35%	35%	35%
155-159g/km	35%	36%	36%	36%
160-164g/km	36%	37%	37%	37%
→165g/km	37%	37%	37%	37%

# YESSS! We've got all the tools for the job
OFFLINE or ONLINE

THE **NEW YESS** WEBSITE IS NOW EVEN EASIER TO PURCHASE FROM!

You can now order and pay for products by credit/debit card, along with your Trade Account!

It's also full of fantastic features and functionality such as:

- **Over 5000** products, including all your favourite electrical essentials from the latest YESSS Book, Doncaster Cables and Exclusive Brands to YESSS

- Next working day delivery to UK mainland

- Click & Collect (within 1 hour)

- Ability to view your account including quotes, orders and statements

- Ability to make a payment on your trade account

- Free delivery on orders over £50

- Your saved pricing

- **Available 24/7**

Find us at yesss.co.uk
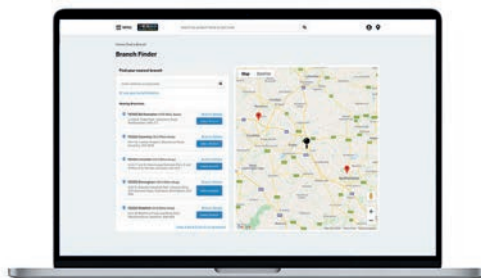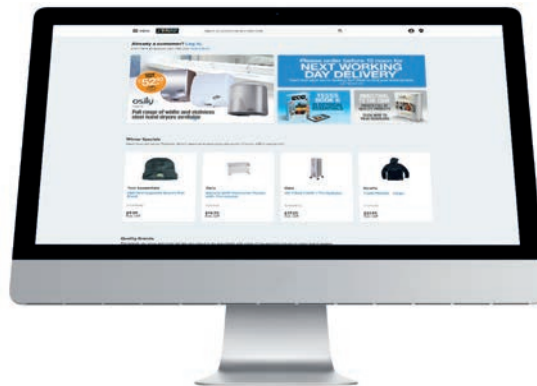
FREE Lighting Design Service
Working with all leading manufacturers
Energy, cost and maintenance saving solutions
Return on investment calculations

Lighting Showrooms
Many of our branches now have decorative lighting showrooms

YESSS
EV & ENERGY

yesss.co.uk/ev-charging
ev@yesss.co.uk

Visit our website to find your local branch:
yesss.co.uk/branch-finder