

CTEK

***SAFE AND COMPLETE
CHARGING SOLUTIONS FOR
ELECTRIC VEHICLES***

UNITED KINGDOM





CHARGESTORM® CONNECTED 3

CHARGESTORM® CONNECTED 3 combines today's smart charging with the technology needed for tomorrow's EV energy ecosystem. It's the latest update in our award winning CHARGESTORM® CONNECTED series, designed for easy installation and enhanced control.

EV CHARGING REDEFINED

The CC3, our latest model, is versatile with options for dual or single outlets, with or without fixed cables, all offering up to 22kW of charging power. Designed for 'Plug & Charge', it's cyber-secure and physically tamper-proof. With built-in WiFi, it manages back-end connection and load balancing for efficient EV charging. CC3 connects via an optional 4G-modem when no WiFi is available and uses dual Ethernet ports for easier installation. CC3 is compatible with various third-party backend systems by OCPP and prepared for V2G and V2X technologies.

INSTALLATION MADE SIMPLE

CC3 is tailored for both users and installers. As a standout in our CHARGESTORM® CONNECTED series, it's engineered for effortless installation and user experience. Ideal for diverse installation settings, including B2B environments and destination charging locations, it features efficient punch-out holes for a seamless setup. Dual Ethernet ports allows for speedy and straightforward cabling. Additionally, CC3 offers free training for installers and adheres to international standards.

- Up to 2x22 kW charging capacity, with dual or single outlets
- Built-in WiFi for easier installation, wireless load balancing and online support
- Ready for the 'Plug & Charge' standard EV drivers want when using public charging
- Daisy chain power and network cabling for easier, quicker and cheaper multi-outlet installations
- Prepared for ISO 15118 and OCPP 2.0.1 – the industry's newest open communication standards
- Adaptable for diverse applications
- Variety of connectivity options
- 5-year warranty



WALLBOX WITH ONE OUTLET

40-645 Wallbox CC3 22kW

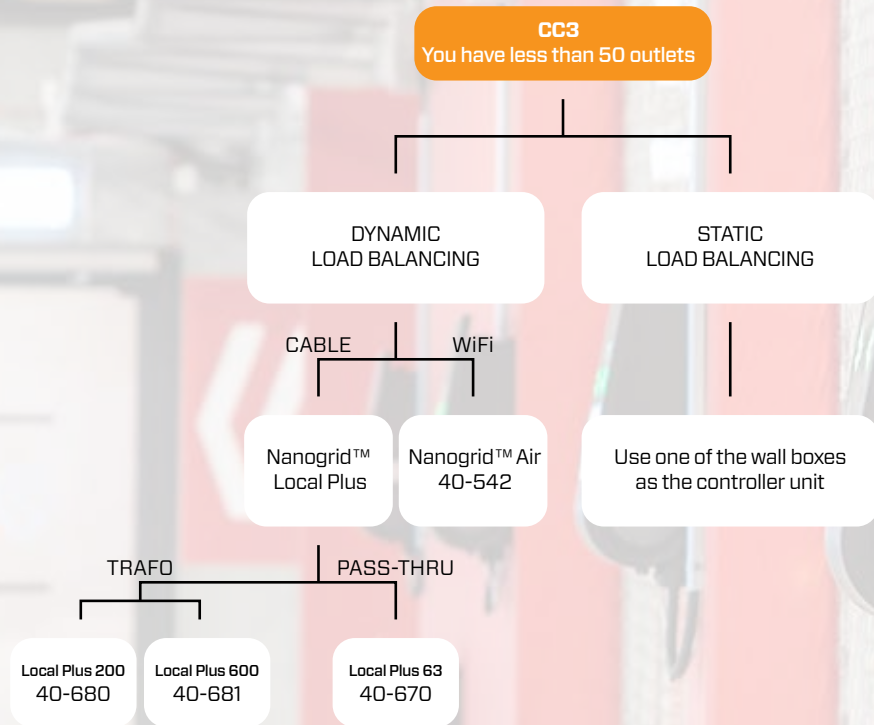
WALLBOX WITH TWO OUTLETS

40-647 Wallbox CC3 22kW

INSTALLATION GUIDE



CHARGESTORM® CONNECTED LOAD BALANCING



CC3
You have more than 50 outlets

DYNAMIC
LOAD BALANCING

CGC500™ 400A 40-383
CGC500™ 4000A 40-384

NANOGRID™ - LOAD BALANCING

NANOGRID™ AIR

NANOGRID™ AIR will automatically balance your home's energy load safely at any time of day, so you can charge your EV while your appliances still get the power they need. It utilizes your home Wi-Fi network to communicate with your CTEK EV charger, ensuring your main fuse is not tripped when you are charging your EV.

WIRELESS LOAD BALANCING

- 1 40-542 NANOGRID™ AIR

NANOGRID™ LOCAL PLUS

Our local load balancing is managed directly from the charge control unit into a selected "master device". All devices are connected with ethernet cables to a common switch. The load balancing can then be set as desired and against a given value or main fuse. Our local load balancing works without an internet connection.

LOCAL LOAD BALANCING

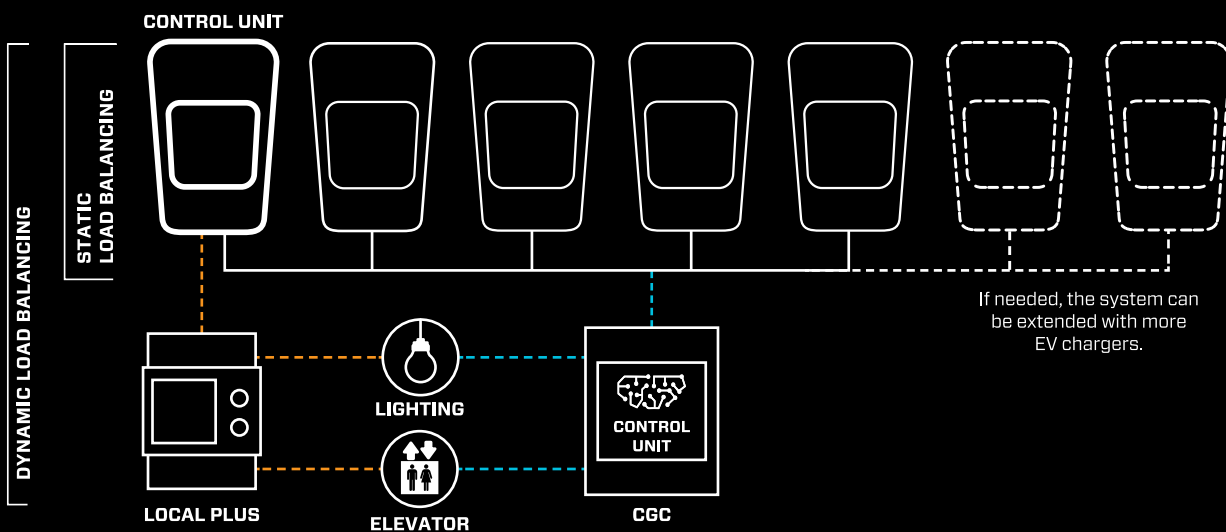
- 40-670 Local Plus 63 (pass-through)
- 2 40-680 Local Plus 200 DIM 24 mm
- 40-681 Local Plus 600 DIM 36 mm

NANOGRID™ CTEK GRID CENTRAL (CGC)

With our external CTEK GRID CENTRAL cabinet, the load balancing system can also take other important consumers into account such as lifts, ventilation, lighting, etc. The system keeps track of other consumers via transformer measurement. Our Grid Central is a compact device cabinet that contains a charge control unit, energy meter and transformer measurement equipment.

LOAD BALANCING CENTRAL

- 3 40-383 CGC500™ 400A
- 40-384 CGC500™ 4000A



NANOGRID™ - LOCAL PLUS



NANOGRID™ - CTEK GRID CENTRAL

INTEGRATION & RFID

RFID

RFID tags provide a very easy and effective way of controlling who can charge and on which outlet.

INTEGRATION

An Ethernet cable connects the EV charger to the internet. If Ethernet cannot be used, the CHARGESTORM® CONNECTED 3 can also be supplied with an optional 4G modem.

RFID

820-00120	RFID-Tag, Black
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INTEGRATION

40-628	4G Modem CC3
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④ 820-00114 External 4G Router

The integrated modem can be preinstalled at an additional cost, if specified when ordering.



MOUNTING AND CONNECTION

CHARGESTORM® CONNECTED 3 can be mounted on a standard 60 mm pole (option) by attaching the mounting plate to the back of the EV charger. If you need to fit dual EV chargers, we also supply a bracket that can handle two EV chargers back to back and up to four charging outlets. The pole bracket also allows you to sew both feed and Ethernet cables directly inside it for a tidy and secure installation.

CC3 MOUNTING PLATE

⑤ 40-639 One wallbox

⑥ 40-640 Two wallboxes

POLE

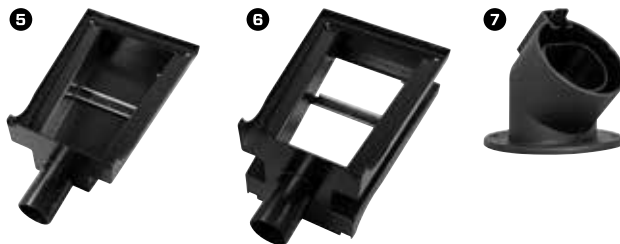
445-00016 60mm

820-00102 Concrete base

820-00101 Mounting plate, ground

WALL MOUNT FOR PLUG

⑦ 125-01008 For Type 2 plug





ABOUT CTEK EVSE

Our mission is to develop and provide the safest electric car charging on the market based on standardised solutions. The charging stations for electric cars and plug-in hybrids are characterised by: safety, dependability, and a simple user interface.

The charging stations feature a modern design, cutting-edge technology, and comprehensive safety specifications. The chargers have both commercial and private applications. The award-winning NanoGrid load balancing system and the cloud-based ChargePortal service have also been tremendously important to the company's success.

Our customers come from diverse industries/niches, such as municipalities, energy companies, housing cooperatives, property owners, corporations, parking companies, and private individuals.

Since the start in 2009, large volumes of electric vehicle data have been registered in the charging portal, generating a broad knowledge base and detailed experience with electric vehicle charging.

