CHARGESTORM® CONNECTED 2

910-17048

EV-CHARGER*, ONE FIXED STRAIGHT CHARGING CABLE

CHARGESTORM® CONNECTED 2 is an improved and updated version of our advanced EV charger with a range of functions and built in safety features. Compatible with NANOGRID™, a dynamic load balancing solution, for use with multiple devices.

OUR MOST ADVANCED EV CHARGER TO DATE FOR ELECTRIC AND PLUGIN HYBRID VEHICLES

CHARGESTORM® CONNECTED 2 is a state of the art EV charger specifically designed to be safe and easy to use. It's ideal for home, business, public parking and tenant-owner housing associations, and it meets all the required technical safety standards. An Ethernet cable connects the EV charger to the internet. If Ethernet cannot be used, the unit can also be supplied with an optional 3G/4G modem. Internet connection is required for portal services and app management. We support integration with all major operators in electric car charging.

APP CONTROL VIA TAKING CHARGE APP

This simple and user friendly app allows you to schedule charging, view your history, adjust charging power, manage RFID, manage software updates and adjust the display brightness.

- Charging power 1.4–22 kW
- Adjustable charging power via app or software
- NanoGrid™ dynamic load balancing support
- Built-in fuse, AC and DC ground fault detection, built-in energy meter
- Easy installation and lock protected for maintenance
- Wall or pole mounted
- Ambient operating temperature from -30 °C to +50 °C
- RFID reader
- OCPP 1.5/ 1.6
- IP54 and IK10
- 2-year warranty

*You might have noticed that we call the Chargestorm Connected 2 an 'EV charger'. Technically speaking it's 'electrical vehicle supply equipment' (or EVSE for short), that provides a safe supply of electricity to power the on-board battery charger in your Electrical Vehicle (EV). Most people use the term EV charger, so to keep things simple, we've chosen to use this term too.

CTEK | **E-MOBILITY**

VERSION	2
ARTICLE NUMBER	910-17048
E-NUMBER	24 802 03
CHARGING METHOD	Mode 3
CHARGING CATEGORY	AC charging
FIXED CHARGING CABLE	One fixed, straight charging cable
VEHICLE CONNECTOR	Type 2
POSITIONING	Wall mounting (standard), pole (option)
LOAD BALANCING	Options for load balancing solutions between several units (NanoGrid™ Home, NanoGrid™ Local, NanoGrid™ CTEK Grid Central).
ENERGY METER	MID (standard)
NUMBER OF PHASES	3 Phase
CHARGING CURRENT	6–32 A
CHARGING POWER	1.4–22 kW
FREQUENCY	50 Hz
RATED VOLTAGE (INPUT)	230/ 400 V
POWER INPUT CONNECTOR	16 mm² Terminal block
AMBIENT OPERATING TEMPERATURE	-30 ºC to +50 ºC
RELATIVE HUMIDITY	Up to 100% at 25 ºC
ALTITUDE	< 2000 m
WEIGHT	~ 10 kg
ENCLOSURE DIMENSIONS (H X W X D)	449 x 282 x 160 mm
ENCLOSURE MATERIAL	Plastic, Metal
ENCLOSURE COLOUR (METAL)	Green
ENCLOSURE COLOUR (PLASTIC)	Black
ENCLOSURE LOCK	Key
GROUND FAULT DETECTION	Built-in ground fault detection, 30 mA AC, 6 mA DC
AUTHENTICATION	RFID, App
GROUND FAULT RESET	Semi-automatic
RFID READER	Yes
RFID TAG STANDARD	ISO15693, ISO14443A (MIFARE)
COMMUNICATION PROTOCOL	OCPP 1.5/ 1.6
USER INTERFACE	LED symbols
CONNECTIVITY	Ethernet (standard), 3G/4G (option)
APP SUPPORT	Smart phone display, Taking Charge App for Android and IOS (requires that the EV charger is connected to the cloud service Charge portal).
COMPATIBILITY MAINS	IT-net, TN-net
COMPLIANCE	CE, IEC 61851-1, IEC 62196-2, IEC 61439-7
APPROVAL	Download the Declaration of Conformity from www.ctekemobility.com
INGRESS PROTECTION	IP54
IMPACT PROTECTION	IK10
WARRANTY	2 years

MOUNTING AND CONNECTION

CHARGESTORM® CONNECTED 2 can be easily mounted on a wall with just 4 screws. It can also 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.

GUARANTEED QUALITY WITH CTEK

Quality is at the heart of everything we do, with safety, simplicity and flexibility characterizing all of our products and solutions. If you have any questions about our products, or would like further information about EV charging, our Customer Support Team is here to help. We are the global leader in battery management solutions, and supply products to more than 70 countries throughout the world. CTEK is also a reliable OEM supplier to many of the world's most prestigious vehicle manufacturers.

For more information visit WWW.CTEKEMOBILITY.COM

Available on the App Store

ANDROID APP ON Google Play

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