

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 $^{\text{TM}}$ , 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 tenantowner 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.



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)  Options for load balancing solutions between	VEDEION	2
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) Uptions 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 CURRENT 6-32 A CHARGING POWER 1.4-22 kW FREQUIENCY 50 Hz RATEO VOLTAGE (INPUT) 230 / 400 V POWER INPUT CONNECTOR 16 mm² Terminal block AMBIENT OPERATING TEMPERATURE -30 °C to +50 °C RELATIVE HUMIDITY Up to 100% at 25 °C ALITIUDE <2000 m WEIGHT -10 kg ENCLOSURE DIMENSIONS (H X W X D) 449 x 282 x 160 mm ENCLOSURE COLOUR (METAL) Green ENCLOSURE COLOUR (PLASTIC) Black ENCLOSURE COLOUR (PLASTIC) Black 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 FID READER YES FID TAG STANDARD ISO15693, ISO14443A (MIFARE) COMMUNICATION PROTOCOL OCPP 1.5/1.6 USER INTERFACE LED symbols COMPATIBILITY MAINS IT-net, TN-net COMPATIBILITY MAINS IT-net, TN-net COMPATIBILITY MAINS IT-net, TN-net COMPATIBILITY MAINS IT-net, TN-net COMPACTION INDEX IMPACT PROTECTION INDO IMPACT PROTECTION INDEX IMPACT PROTECTION IND	VERSION	
CHARGING METHOD Mode 3  CHARGING CATEGORY AC charging  FIXEO CHARGING CABLE  VEHICLE CONNECTOR  POSITIONING  Wall mounting (standard), pole (option)  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  ATEU VOLTAGE (INPUT)  230 / 400 V  POWER INPUT CONNECTOR  16 mm² Terminal block  AMBIENT OPERATING TEMPERATURE  -30 °C to +50 °C  RELATIVE HUMIDITY  Up to 100% at 25 °C  ALTITUDE  < 2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE COLOUR (PLASTIC)  ENCOMMUNICATION  BRITC, App  GROUND FAULT RESET  Semi-automatic  FID READER  Yes  FID TAG STANDARD  LOSE (STANDARD  COMMUNICATION PROTOCOL  COPP 1.5/ 1.6  USER INTERFACE  LED symbols  COMMUNICATION PROTOCOL  OCPP 1.5/ 1.6  SEMI-automatic  APP SUPPORT  APPROVAL  INGRESS PROTECTION  INGRESS PROTECTIO		
CHARGING CATEGORY  FIXED CHARGING CABLE  VEHICLE CONNECTOR  POSITIONING  LOAD BALANCING  ENERGY METER  MID (standard), pole (option)  Dytions for load balancing solutions between several unite (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 °C to +50 °C  RELATIVE HUMIDITY  Up to 100% at 25 °C  ALITIUDE  < 2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  449 x 282 x 160 mm  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  Black  ENCLOSURE COLOUR (PLASTIC)  Black  ENCLOSURE LOCK  GROUND FAULT DETECTION  Built-in ground fault detection, 30 mA AC, 6 mA DC  AUTHENTICATION  RFID, App  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  COMMUNICATION PROTOCOL  USER INTERFACE  LEO symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  COMPILANCE  CE, IEC 61851-1, IEC 62196-2, IEC 61439-7  APPROVAL  IMPACT PROTECTION  INGRESS PROTECTION  IMPACT PROTECTION  INGRESS PROTECTION  INGRESS PROTECTION  IMPACT PROTECTION  INGRESS PROTECTION  IMPACT PROTECTION  INGRESS PROTECTION  INGRESS PROTECTION  INGRESS PROTECTION  IMPACT PROTECTION  INGRESS		
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VEHICLE CONNECTOR  POSITIONING  Wall mounting (standard), pole (option)  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 CURRENT  6-32 A  CHARGING PWER  RATED VOLTAGE (INPUT)  POWER INPUT CONNECTOR  16 mm² Terminal block  AMBIENT OPERATING TEMPERATURE  7-30 °C to +50 °C  RELATIVE HUMIDITY  Up to 100% at 25 °C  ALITIUDE  4 2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE MATERIAL  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (METAL)  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  FID TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  OCPP 1.5/1.6  USER INTERFACE  LED symbols  COMPATIBILITY MAINS  IT-net, TN-net  COMPATIBILITY MAINS  IT-net, TN-net  COMPLIANCE  COMPLIANCE  CE, IEC 61851-1, IEC 62196-2, IEC 61439-7  APPROVAL  IMPACT PROTECTION  IKIO  IMPACT PROTECTION  IKIO  IMPACT PROTECTION  IKIO	-	
POSITIONING  Wall mounting (standard), pole (option)  Options for load balancing solutions between several units (NanoGrid™ Local, 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  7.0 °C to +50 °C  RELATIVE HUMIDITY  Up to 100% at 25 °C  ALTITUDE  4 2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  449 x 282 x 160 mm  ENCLOSURE COLOUR (METAL)  Green  ENCLOSURE COLOUR (METAL)  Black  ENCLOSURE COLOUR (PLASTIC)  Black  ENCLOSURE COLOUR (PLASTIC)  Block  REJD RAGLE COLOUR PROTOCOL  AUTHENTICATION  RFID, App  GROUND FAULT RESET  Semi-automatic  RFID RAGDER  FID TAG STANDARD  LOCAPP 1.5/ 1.6  USER INTERFACE  LED Symbols  COMMUNICATION PROTOCOL  COMPP 1.5/ 1.6  USER INTERFACE  LED Symbols  COMPCTIVITY  Ethernet (standard), 3G/4G (option)  APP SUPPORT  APP SUPPORT  COMPLIANCE  CE, IEC 61851-1, IEC 62196-2, IEC 61439-7  APPROVAL  IMPACT PROTECTION  IKIO  IKIO  IKIO  IKIO		· · · · · · · · · · · · · · · · · · ·
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 °C to +50 °C  RELATIVE HUMIDITY Up to 100% at 25 °C  ALTITUDE < 2000 m  WEIGHT -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE MATERIAL Plastic, Metal  ENCLOSURE COLOUR (METAL) ENCLOSURE COLOUR (PLASTIC) Black  ENCLOSURE COLOUR (PLASTIC) Black  ENCLOSURE LOCK Key  GROUND FAULT RESET Semi-automatic  RFID READER FID TAG STANDARD ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL OCPP 1.5/ 1.6  USER INTERFACE LED symbols  CONNECTIVITY Ethernet (standard), 36/46 (option)  Smart phone display, Taking Charge App for Android and IOS (requires that the EV charger is connected to the cloud service Charge portal).  COMPLIANCE CE, IEC 61851-1, IEC 62196-2, IEC 61439-7  APPROVAL IMPACT PROTECTION IKID  IMPACT PROTECTION IKID	-	
ENERGY METER  MID (standard)  NanoGrid™ CTEK Grid Central).  ENERGY METER  MID (standard)  NIUMBER 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  AMBIENT OPERATING TEMPERATURE  FRELATIVE HUMIDITY  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  Black  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  FID TAG STANDARD  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  COMPCT PROTECTION  INTERES PROTECTIO	PUSITIONING	
NUMBER OF PHASES  CHARGING CURRENT  6-32 A  CHARGING POWER  1.4-22 kW  FREQUENCY  50 Hz  RATED VOLTAGE (INPUT)  230/ 400 V  POWER INPUT CONNECTOR  AMBIENT OPERATING TEMPERATURE  -30 °C to +50 °C  RELATIVE HUMIDITY  Up to 100% at 25 °C  ALTITUDE  <2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  Black  ENCLOSURE LOCK  Key  GROUND FAULT DETECTION  Built-in ground fault detection, 30 mA AC, 6 mA DC  AUTHENTICATION  FID App  GROUND FAULT RESET  Semi-automatic  FID TAG STANDARD  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  APPROVAL  IMPACT PROTECTION  IKIO  IKIO  IKIO  IKIO  IKIO	LOAD BALANCING	several units (NanoGrid™ Home, NanoGrid™ Local,
CHARGING CURRENT 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 °C to +50 °C RELATIVE HUMIDITY Up to 100% at 25 °C ALTITUDE <2000 m WEIGHT -10 kg ENCLOSURE DIMENSIONS (H X W X D) ENCLOSURE MATERIAL Plastic, Metal ENCLOSURE COLOUR (METAL) ENCLOSURE COLOUR (PLASTIC) ENCLOSURE LOCK GROUND FAULT DETECTION Built-in ground fault detection, 30 mA AC, 6 mA DC AUTHENTICATION RFID, App GROUND FAULT RESET Semi-automatic FRID TAG STANDARD COMMUNICATION PROTOCOL USER INTERFACE LED symbols CONNECTIVITY Ethernet (standard), 3G/4G (option) Smart phone display, Taking Charge App for Android and IOS (requires that the EV charger is connected to the cloud service Charge portal). COMPLIANCE CE, IEC 61851-1, IEC 62196-2, IEC 61439-7 APPROVAL INGRESS PROTECTION IKIO	ENERGY METER	MID (standard)
CHARGING POWER FREQUENCY FREATIVE (INPUT) FROM FREATING TEMPERATURE FROM CONTROL TO STATE TO	NUMBER OF PHASES	3 Phase
FREQUENCY  RATED VOLTAGE (INPUT)  POWER INPUT CONNECTOR  AMBIENT OPERATING TEMPERATURE  -30 °C to +50 °C  RELATIVE HUMIDITY  Up to 100% at 25 °C  ALTITUDE  < 2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE MATERIAL  Plastic, Metal  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (METAL)  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 TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  OCPP 1.5/ 1.6  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 36/46 (option)  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  INGRESS PROTECTION  INGRESS PROTECTION  INTO	CHARGING CURRENT	6-32 A
RATED VOLTAGE (INPUT)  POWER INPUT CONNECTOR  AMBIENT OPERATING TEMPERATURE  AMBIENT OPERATING TEMPERATURE  RELATIVE HUMIDITY  Up to 100% at 25 °C  ALTITUDE  < 2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE MATERIAL  Plastic, Metal  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  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  LOMMUNICATION PROTOCOL  USER INTERFACE  COMMUNICATION PROTOCOL  COPP 1.5/ 1.6  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  Download the Declaration of Conformity from www.ctekemobility.com  INGRESS PROTECTION  IK10  IMPACT PROTECTION  IK10	CHARGING POWER	1.4-22 kW
POWER INPUT CONNECTOR  AMBIENT OPERATING TEMPERATURE  -30 °C to +50 °C  RELATIVE HUMIDITY  LIP to 100% at 25 °C  ALTITUDE  <	FREQUENCY	50 Hz
AMBIENT OPERATING TEMPERATURE  -30 °C to +50 °C  RELATIVE HUMIDITY  LIP to 100% at 25 °C  ALTITUDE  < 2000 m  WEIGHT  -10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE MATERIAL  Plastic, Metal  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  ENCLOSURE LOCK  ENCL	RATED VOLTAGE (INPUT)	230/ 400 V
RELATIVE HUMIDITY  ALTITUDE  < 2000 m  WEIGHT  - 10 kg  ENCLOSURE DIMENSIONS (H X W X D)  ENCLOSURE MATERIAL  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  ENCLOSURE LOCK  ENCLOSURE	POWER INPUT CONNECTOR	16 mm² Terminal block
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)  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  DOWNLOAD INGRESS PROTECTION IP54  IMPACT PROTECTION IK10	AMBIENT OPERATING TEMPERATURE	-30 °C to +50 °C
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 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  Download the Declaration of Conformity from www.ctekemobility.com  INGRESS PROTECTION IP54  IMPACT PROTECTION IK10	RELATIVE HUMIDITY	Up to 100% at 25 °C
ENCLOSURE DIMENSIONS (H X W X D)  449 x 282 x 160 mm  ENCLOSURE MATERIAL  Plastic, Metal  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  ENCLOSURE LOCK  ENCLOSURE LOCK  GROUND FAULT DETECTION  Built-in ground fault detection, 30 mA AC, 6 mA DC  AUTHENTICATION  GROUND FAULT RESET  Semi-automatic  RFID, App  GROUND FAULT RESET  Semi-automatic  RFID TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  Download the Declaration of Conformity from www.ctekemobility.com  INGRESS PROTECTION  IK10	ALTITUDE	< 2000 m
ENCLOSURE MATERIAL  ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  ENCLOSURE COLOUR (PLASTIC)  ENCLOSURE LOCK  ENCLOSURE LOCK  GROUND FAULT DETECTION  AUTHENTICATION  GROUND FAULT RESET  Semi-automatic  FID READER  FID TAG STANDARD  COMMUNICATION PROTOCOL  USER INTERFACE  CONNECTIVITY  EXEMPCE LED symbols  CONNECTIVITY  EXEMPCE LED symbols  COMPATIBILITY MAINS  IT-net, TN-net  COMPLIANCE  INGRESS PROTECTION  IP54  IMPACT PROTECTION  IKIO  IMPACT PROTECTION  IROUND FAULT detection, 30 mA AC, 6 mA DC  Key  Semi-automatic  RFID, App  Semi-automatic  Semi-automatic  RFID, App  Semi-automatic  Semi-automatic  RFID, App  Semi-automatic  Semi-automatic  Semi-automatic  Semi-automatic  Semi-automatic  Semi-automatic  Semi-automatic  Semi-automatic  Tinet, TN-net  Compliance  CE, IEC 61851-1, IEC 62196-2, IEC 61439-7  Download the Declaration of Conformity from www.ctekemobility.com  INGRESS PROTECTION  INGRESS PROTECTION  IK10	WEIGHT	~ 10 kg
ENCLOSURE COLOUR (METAL)  ENCLOSURE COLOUR (PLASTIC)  ENCLOSURE LOCK  ENCLOSURE LOCK  ENCLOSURE LOCK  GROUND FAULT DETECTION  Built-in ground fault detection, 30 mA AC, 6 mA DC  AUTHENTICATION  GROUND FAULT RESET  Semi-automatic  RFID READER  Yes  RFID TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  Download the Declaration of Conformity from www.ctekemobility.com  INGRESS PROTECTION  INGRESS PROTECTION  IK10	ENCLOSURE DIMENSIONS (H X W X D)	449 x 282 x 160 mm
ENCLOSURE COLOUR (PLASTIC)  ENCLOSURE LOCK  ENCLOSURE LOCK  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  COMMUNICATION PROTOCOL  USER INTERFACE  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  APP SUPPORT  Android and IOS (requires that the EV charger is connected to the cloud service Charge portal).  COMPLIANCE  CE, IEC 61851-1, IEC 62196-2, IEC 61439-7  APPROVAL  INGRESS PROTECTION  IP54  IMPACT PROTECTION  IK10	ENCLOSURE MATERIAL	Plastic, Metal
ENCLOSURE LOCK 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 USER INTERFACE LED symbols CONNECTIVITY Ethernet (standard), 3G/4G (option)  APP SUPPORT 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  Download the Declaration of Conformity from www.ctekemobility.com INGRESS PROTECTION IP54 IMPACT PROTECTION IK10	ENCLOSURE COLOUR (METAL)	Green
GROUND FAULT DETECTION  Built-in ground fault detection, 30 mA AC, 6 mA DC  AUTHENTICATION  GROUND FAULT RESET  Semi-automatic  RFID READER  Yes  RFID TAG STANDARD  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  INGRESS PROTECTION  IP54  IMPACT PROTECTION  IK10	ENCLOSURE COLOUR (PLASTIC)	Black
AUTHENTICATION  RFID, App  GROUND FAULT RESET  Semi-automatic  RFID READER  RFID TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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  INGRESS PROTECTION  IP54  IMPACT PROTECTION  IK10	ENCLOSURE LOCK	Key
GROUND FAULT RESET  RFID READER  RFID TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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	GROUND FAULT DETECTION	Built-in ground fault detection, 30 mA AC, 6 mA DC
RFID READER  RFID TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  USER INTERFACE  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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	AUTHENTICATION	RFID, App
RFID TAG STANDARD  ISO15693, ISO14443A (MIFARE)  COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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	GROUND FAULT RESET	Semi-automatic
COMMUNICATION PROTOCOL  USER INTERFACE  LED symbols  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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	RFID READER	Yes
USER INTERFACE  CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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	RFID TAG STANDARD	IS015693, IS014443A (MIFARE)
CONNECTIVITY  Ethernet (standard), 3G/4G (option)  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	COMMUNICATION PROTOCOL	OCPP 1.5/ 1.6
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	USER INTERFACE	LED symbols
APP SUPPORT  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	CONNECTIVITY	Ethernet (standard), 3G/4G (option)
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	APP SUPPORT	Android and IOS (requires that the EV charger is
APPROVAL  Download the Declaration of Conformity from www.ctekemobility.com  INGRESS PROTECTION  IP54  IMPACT PROTECTION  IK10	COMPATIBILITY MAINS	IT-net, TN-net
INGRESS PROTECTION IP54 IMPACT PROTECTION IK10	COMPLIANCE	CE, IEC 61851-1, IEC 62196-2, IEC 61439-7
IMPACT PROTECTION IK10	APPROVAL	
-	INGRESS PROTECTION	IP54
WARRANTY 2 years	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







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