

206.D91-E10

Metal wall mounting box with plastic sheet and equipped with 1 CCS2 output

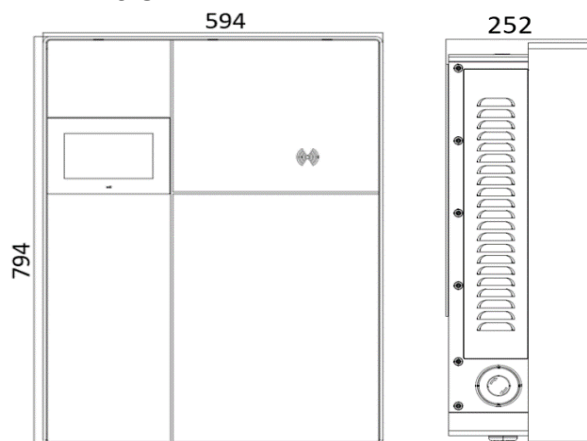
Output power 25 kW with derating > 45°C



> FUNCTIONS

- charging mode 4 CCS2
- identification of authorized user
- working in mode stand-alone free or personal
- interfacing with OCPP Central Station
- predisposition for network connection

> DIMENSION



> REFERENCE STANDARD

IEC/EN 61851-1

Electric vehicle conductive charging system.
Part 1: General requirement.

IEC/EN 61439-7

Low-voltage switchgear and control gear assemblies.
Part 7: Assemblies for e.v. charging stations.

> TECHNICAL CHARACTERISTICS

Voltage rating:	230/400V ac
Current Rating :	40A ac
Frequency:	50-60Hz
Distribution system:	3P+N+PE
Output conector 1:	CCS2
Voltage output 1:	150-1000 Vdc
Current output 1:	max 60A dc
Efficiency:	94%
EMC Class:	A
Ingress protection rating:	IP54
Operating temperature:	-30°C + 50°C with derating above + 45°C
Storage temperature:	-30°C + 60°C
Altitude:	2500 m max
Humidity (Non condens.):	da 5% a 95%
Acoustic noise:	< 55 db
Material:	Varnished metal
Glow wire test:	-
IK degree at 20°C:	IK10
Color:	Anthracite
Mounting:	Wall mounting
Salt mist:	Resistant
Raggi UV:	Resistente
Dimensions (WxDxH)	594x252x794 mm
Weight (approx.)	70 kg excluding the cables

> EQUIPMENTS

- 1 TFT 7" touch color display with motion sensor
- 1 digital energy meter MID 3P+N 63A Cl. B
- 1 reader RFID MiFare Classic /Plus / DESFire
- 1 router LAN/Wi-Fi/4G
- 1 CCS2 connector 80A with 4,5m cable
- 1 local server wired with OCPP 1.6J protocol
- 1 emergency stop button
- 2 cable holders in technopolymer

excluded:

- upstream protections (by the installer):
1 circuit breaker 3P+N C50 30mA ist. A



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DC WALL BOX 25kW CCS2

25kW AC 5P 40A 400V CCS2 150-1000Vdc 60A

Certificati

TECHDATA		NORME E LEGGI	
Serie commerciale	Serie BE-D	IEC 61439-7 (2018)	[International Standard] Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations
Tipologia prodotto	DC WALL BOX 25kW CCS2		
Descrizione sintetica	DC WALL BOX 25kW CCS2		
Potenza massima	25kW	EN IEC 61851-1 (2019)	[European Standard] Electric vehicle conductive charging system - Part 1: General requirements
Input	AC 5P 40A 400V	EN 61851-23 (2014)	[European Standard] Electric vehicle conductive charging system - Part 23: DC electric vehicle charging station
Output 1	CCS2 150-1000Vdc 60A	EN 61851-24 (2014)	[European Standard] Electric vehicle conductive charging system - Part 24: Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging
Carica simultanea	NO		
Efficienza	94% alla potenza nominale		
Classe EMC	A	EN IEC 61851-21-2 (2021)	[European Standard] Electric vehicle conductive charging system - Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply - EMC requirements for off board electric vehicle charging systems.
Grado di protezione IP	IP54		
Temperatura di esercizio	-30/+45°C derating above +45°C	DIRECTIVE LOW VOLTAGE 2014/35 /UE	[European Directives] Low Voltage Directive
Temperatura di stoccaggio	-30°C/+60°C		
Altitudine	2500m max	DIRECTIVE EMC 2014/30/UE	[European Directives] Electromagnetic Compatibility Directive
Umidità	da 5% a 95% senza condensa		
Rumore acustico	<55dB in tutte le direzioni		
Materiale	METALLO VERNICIATO		
Grado di protezione IK	IK10		
Colore	ANTRACITE		

Tipo installazione	PARETE
Soluzione salina	Resistente
Protezione UV	Resistente ai raggi UV
Dimensioni	594x252x794mm
Peso	Circa 70kg cavi esclusi
HMI (interfaccia utente)	LCD 7" touch screen
Autenticazione utente	Autenticazione RFID
Autenticazione utente	Free
Connettività	WiFi
Connettività	GSM
Connettività	Ethernet
Protocollo di comunicazione	OCPP 1.6 JSON
EV funzioni	FUNZ. IN MODO STAND-ALONE FREE
EV funzioni	IDENTIF. UTENTE ABILIT. CARICA
EV funzioni	CONTR.REM. CON OCPP CENT.STAT.
EV funzioni	CARICA IN MODO 4 CCS2
EV funzioni	PREDISP PER COLLEGAMENTO NET
EV dotazioni	1 ROUTER WI-FI/4G
EV dotazioni	1 DISPLAY TFT 7" TOUCH SCREEN
EV dotazioni	1 LETTORE RFID 13,56MHZ
EV dotazioni	2 HOLDERS IN TECNOPOLIMERO
EV dotazioni	1 PULSANTE DI EMERGENZA
EV dotazioni	1 CONNETTORE CCS2 80A 4,5M
EV dotazioni	1 LOC.SERV.WIRED PROT. OCPP1.6J
EV dotazioni	1 LETTORE RFID MIFARE
EV dotazioni	1 CONTATORE DIGITALE 3P+N 63AM

EV esclusi	PROTEZ. A MONTE (A CURA INST.)
EV esclusi	1 INTERRUTTORE 3P+N C50 30MA A