Introduction of Argo 22kW

Argo AC EV Charger

Argo, a new generation of revolutionary 22kW product line, features hardware that is compatible with both basic and pro versions.

Unlike prior models, Argo has a top-middle-bottom shell construction and permits plug-in installation method for pro version, giving installers additional flexibility and operability.

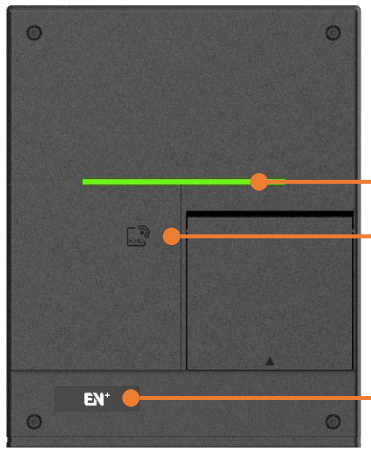
The ISO 15118-ready design supports future plug & charge function via OTA, providing users with the ultimate charging experience.

Contents

01 Product Definition

Enclosure Design

Basic series

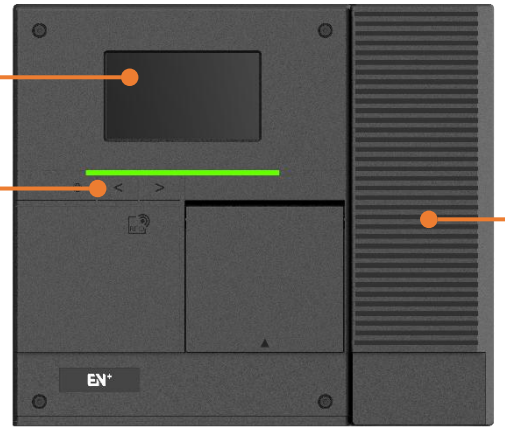


LED indicator

RFID reader

Label sticker

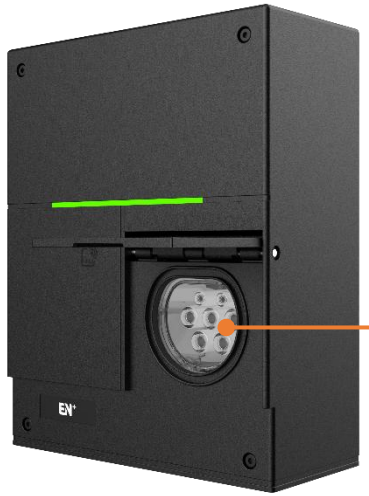
Pro series



4.3” color LCD display

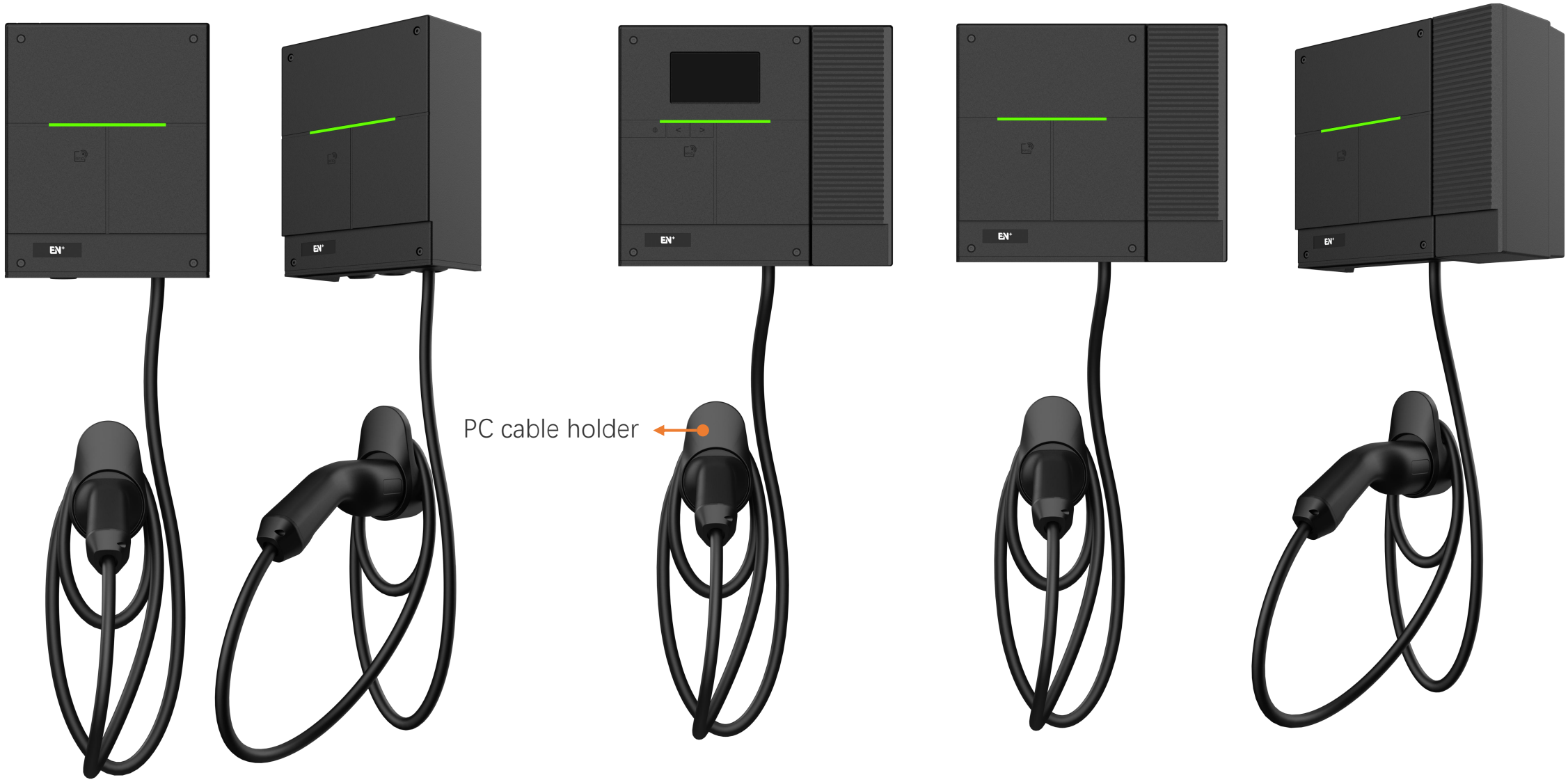
Screen language switch button

Cover for RCBO & MID meter



Integrated on-board socket

Enclosure Design - Cable Series



Certification

For EU market

CE CB RoHS REACH

EN IEC 61851-1
EN IEC 61851-21-2
EN 300 328
EN 300 330
EN 301 489-1
EN 301 489-3
EN 301 489-17
EN 62311

IEC 62321

REACH etc.
(Amendment)
Regulations 2021

For UK market

EN 303 645

UKCA

Product Spec

Datasheet		Description
Input	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Rated Current	32A
	Frequency	50/60 HZ
Output	Rated Voltage	400V AC
	Maximum current	32A
	Output power	22KW
	Connector type	Type 2
	Cable Length	5m standard
	Charging mode	Mode 3
Connection	No. of phases	3-phase
	Grounding system	TT, TN, IT
Description	Enclosure	PC (polycarbonate)
	Color	Black (PANTONE Black C)
	LCD Color Display	4.3" optional
	LED Indicator	Green/Yellow/Red
Features	Start Mode	RFID card / APP / Plug to charge
	RFID Reader	Mifare ISO/IEC 14443A
	Supports load balancing	Yes
	Energy monitoring	Yes
Communication	Wi-Fi, Ethernet, Bluetooth	Standard
	4G	Optional
	Protocol	OCPP1.6 Json

Environment	Installation	Wall-mount/Pole-mount(Optional)
	Working Temperature	For basic: -30℃ - +50℃ For pro: -30℃ - +40℃
	Storage Temperature	-40~+80℃ w/o screen -30~+70℃ w/ screen
	Working Humidity	5%~95%
	Working Altitude	<2000m
Safety	Ingress Protection	IP54
	Impact Protection	IK10(except display)
	Internal RCBO	40A
	Metering Accuracy For PRO	1% w/ MID meter (optional) 2% w/o MID meter
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Electrical protection class	Class I
	Certificate	CE, CB, RoHS, Reach, UKCA
	Payment	APP/AD hoc/Kiosk solution
	Standards	EN IEC 61851-1:2019, EN IEC 61851-21-2:2021 ENEC 61000-6-1:2019 EN IEC 61000-6-2:2019(Outdoor) EN IEC 61000-6-3:2007+A1 EN IEC61000-6-4:2019(Outdoor) EN 300 328 V2.2.2:2019 EN 300 330 V2.1.1:2017 EN 301 489-1 V2.2.3:2019 EN 301 489-3 V2.1.1:2019 EN 301 489-17 V3.2.0:2017 EN 62311:2020 EN 303645 EN 18031-1:2024
	Warranty	2 years
General	Product Dims (WxHxD)	262x210x95mm for Basic 262x298x135mm for PRO
	External Package	Carton

Model NO. SKU

Basic series

Model number	Specification
For EU Market	
AC022K-BE-55A	22kW, Type 2 socket
AC011K-BE-55A	11kW, Type 2 socket
AC022K-AE-55A	22kW, Type 2 cable
AC011K-AE-55A	11kW, Type 2 cable
AC022K-AE-52A	22kW, Type 2 cable, 4.3’’ screen
AC011K-AE-52A	11kW, Type 2 cable, 4.3’’ screen
For UK Market	
AC022K-BB-55A	22kW, Type 2 socket

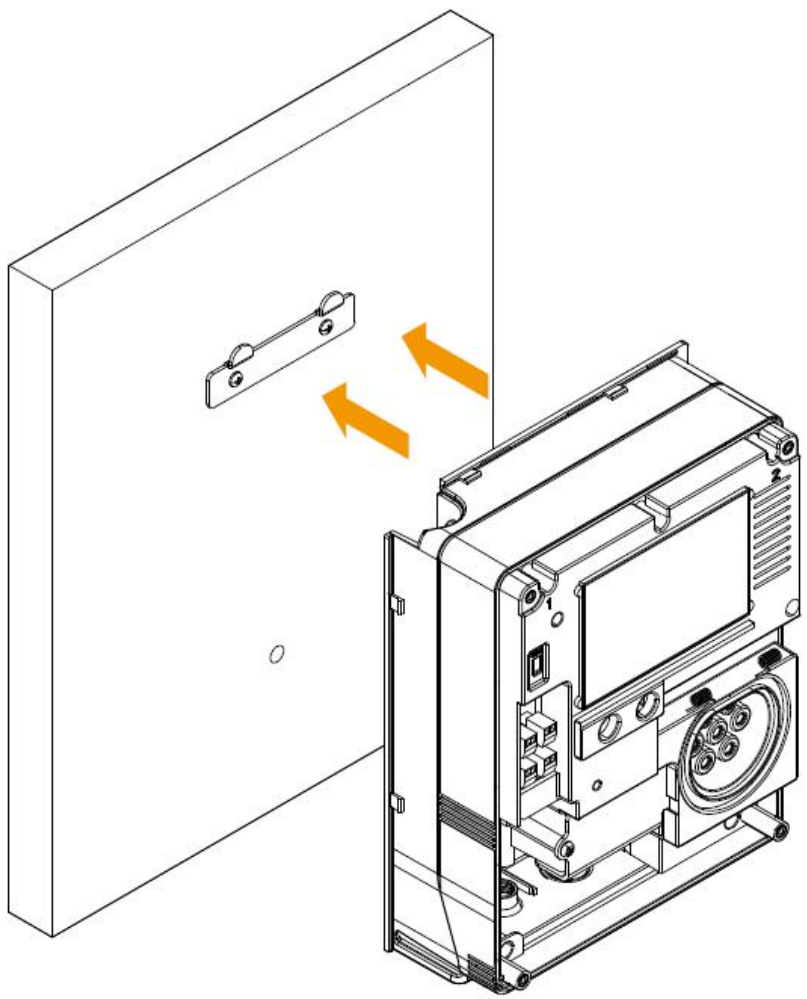
Pro series

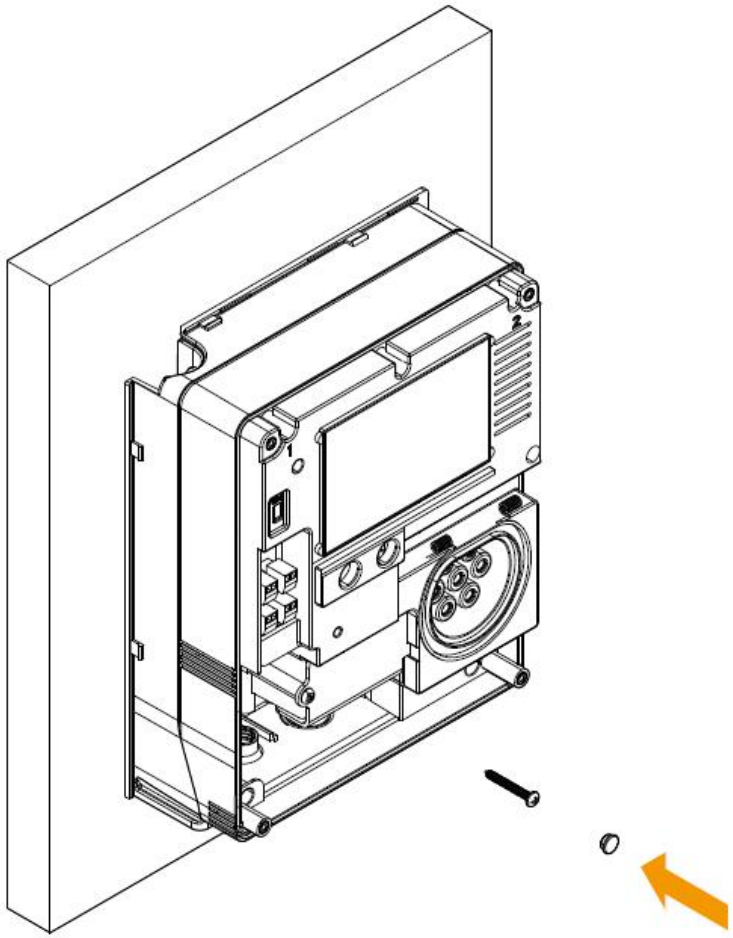
Model number	Specification
For EU Market	
AC022K-BE-51A	22kW, Type 2 socket, MID meter, RCBO, 4.3" screen
AC022K-BE-53A	22kW, Type 2 socket, RCBO, 4.3" screen
AC022K-BE-56A	22kW, Type 2 socket, MID meter, RCBO
AC022K-BE-57A	22kW, Type 2 socket, RCBO
AC022K-AE-51A	22kW, Type 2 cable, MID meter, RCBO, 4.3" screen
AC022K-AE-53A	22kW, Type 2 cable, RCBO, 4.3" screen
AC022K-AE-56A	22kW, Type 2 cable, MID meter, RCBO
AC022K-AE-57A	22kW, Type 2 cable, RCBO
For UK Market	
AC022K-BB-51A	22kW, Type 2 socket, MID meter, RCBO, 4.3" screen
AC022K-BB-56A	22kW, Type 2 socket, MID meter, RCBO

02

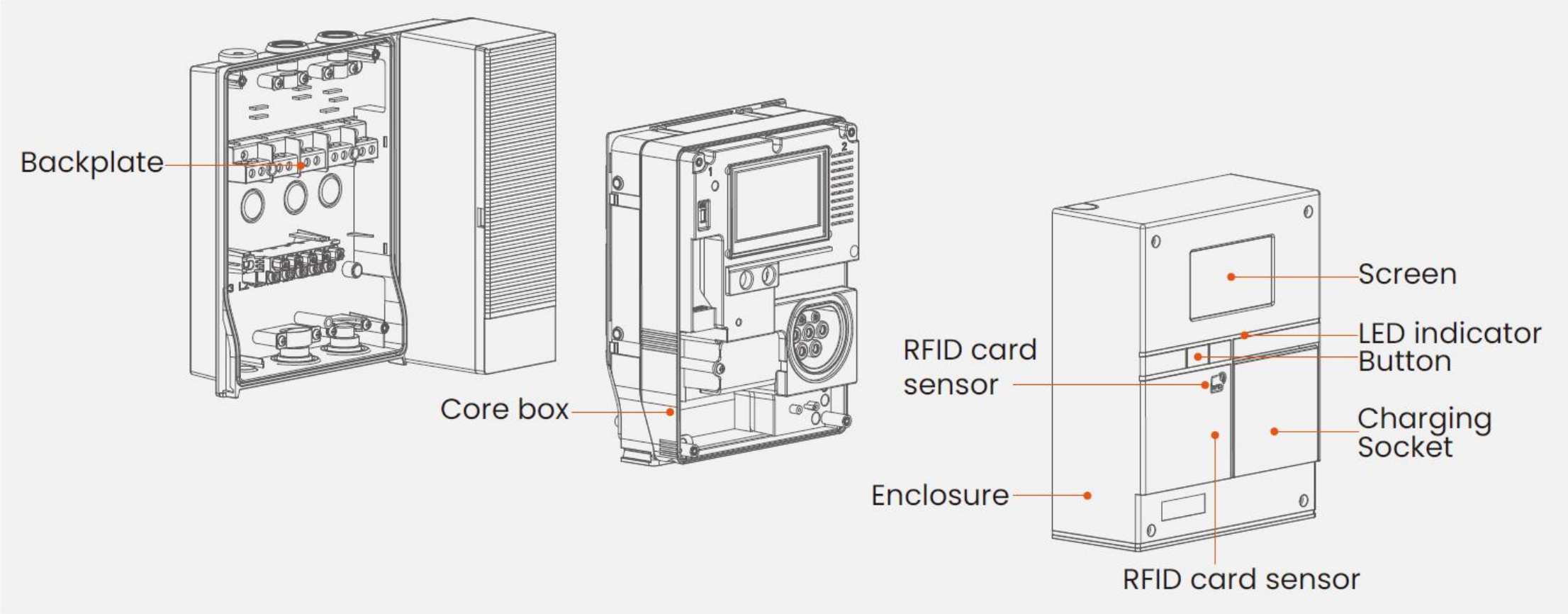
Features

Easy installation – for Basic



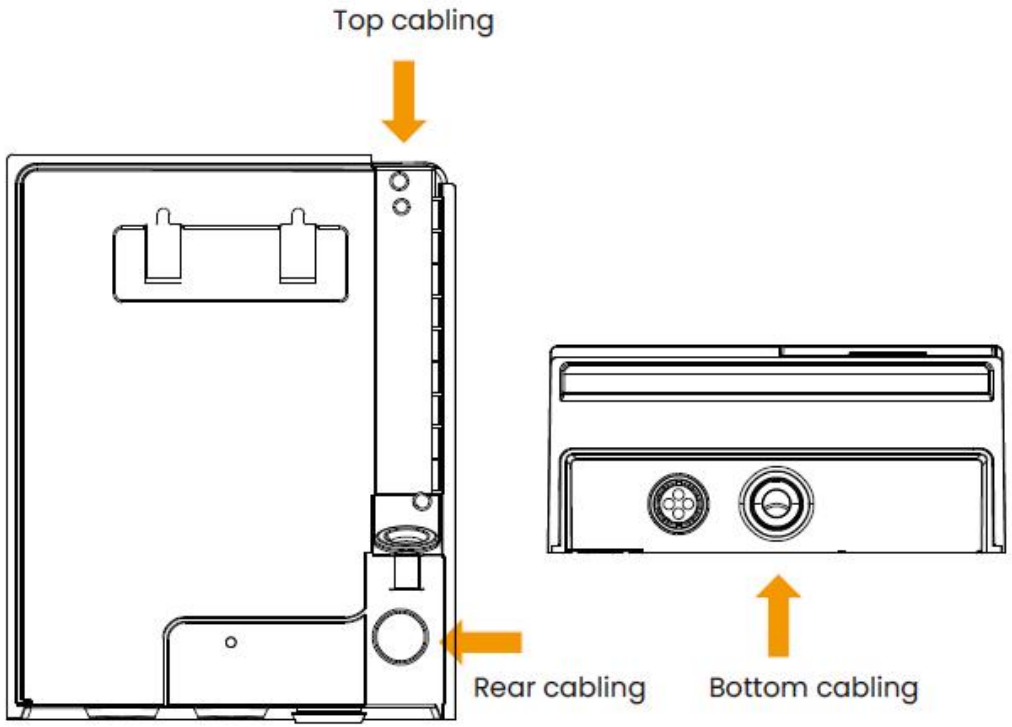


Easy installation – for Pro

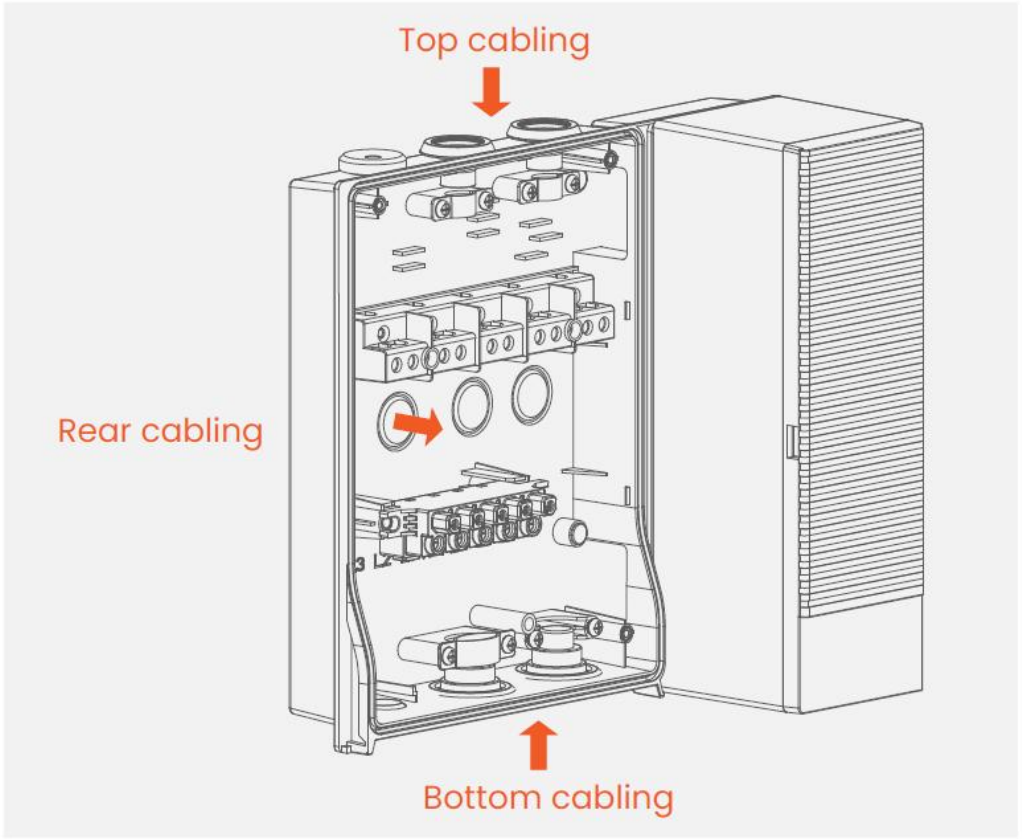


Just fix core box to backplate by click-in terminal after wiring

Triple Options, Total Connectivity



For basic



For pro

New Style Starts Here – Skin Shift for Basic

Standard

Shadow Black
PANTONE Black C

Steel Gray
RAL 7016

Ocean Blue
RAL 5003

270° Fully Covered

Oak Brown
RAL 8019

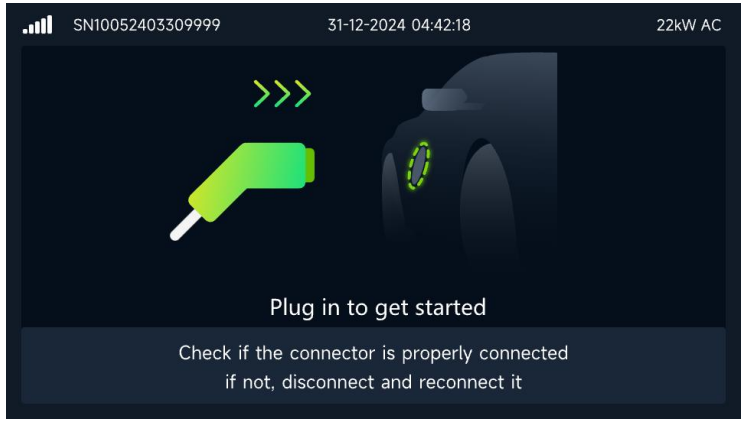
PINE GREEN
RAL 6020

Snow White
PANTONE White C

Excellent Experience with LCD display

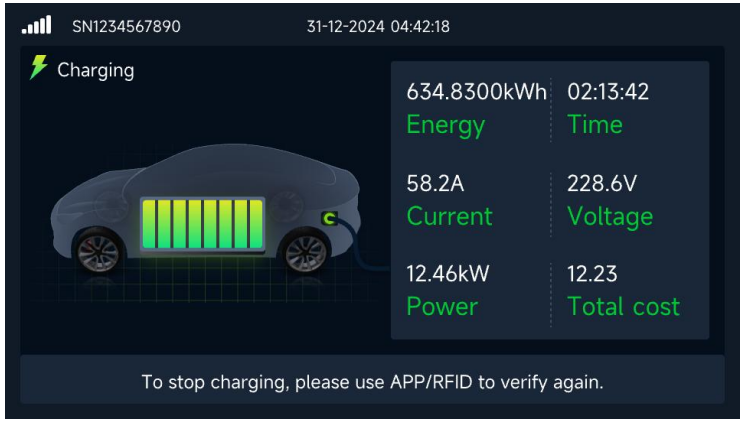
Argo AC charger

Standby

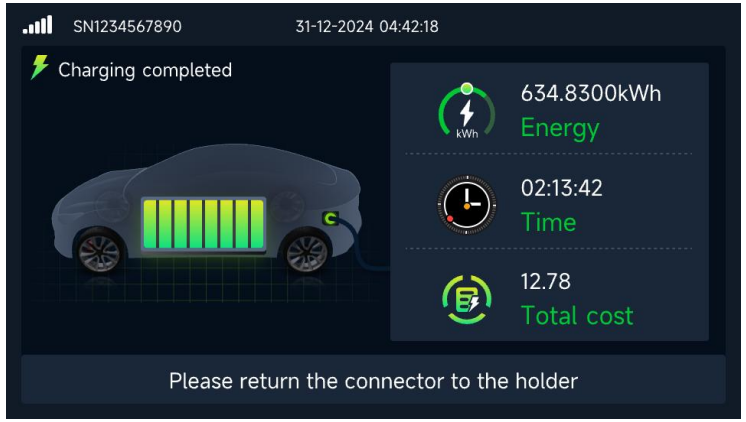


Choose payment

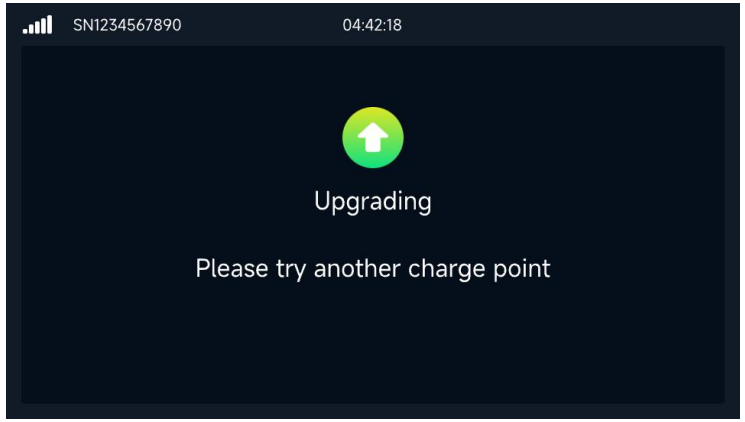
Charging



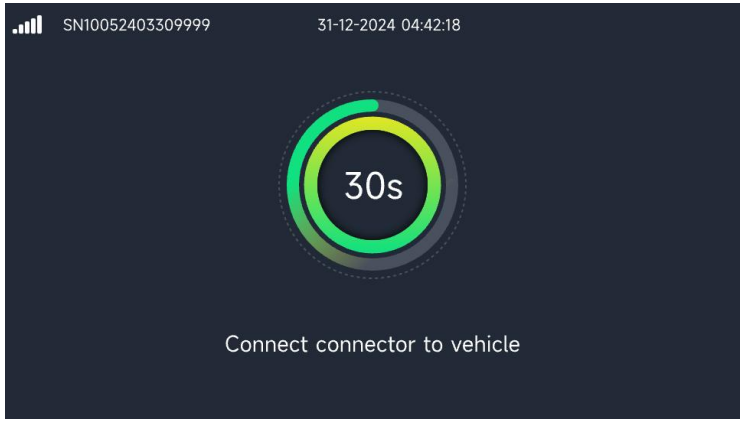
Charing complete



Upgrading



Countdown process

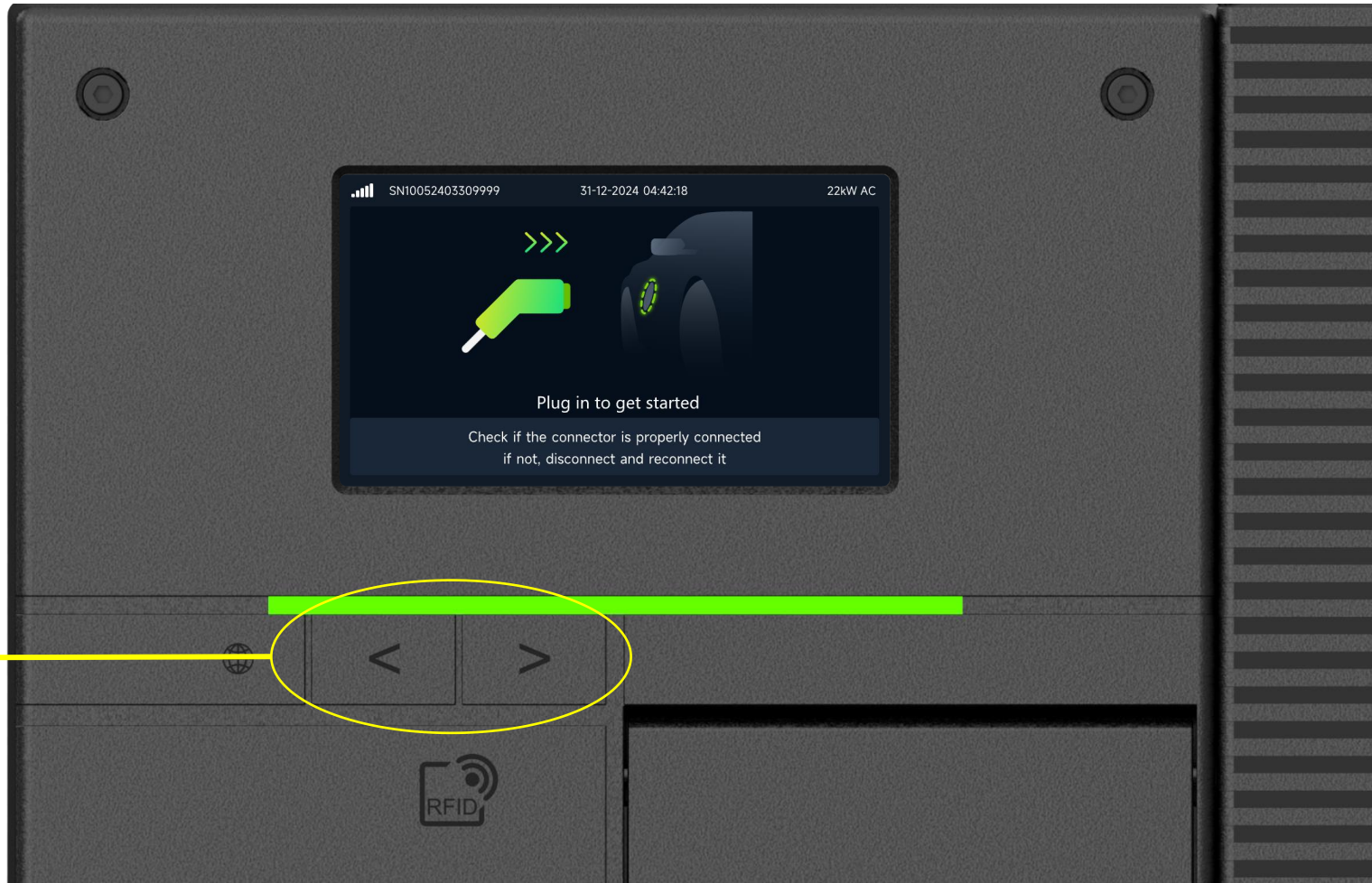


Local speech, authentic connection

Adapting to local market needs

Swedish for example

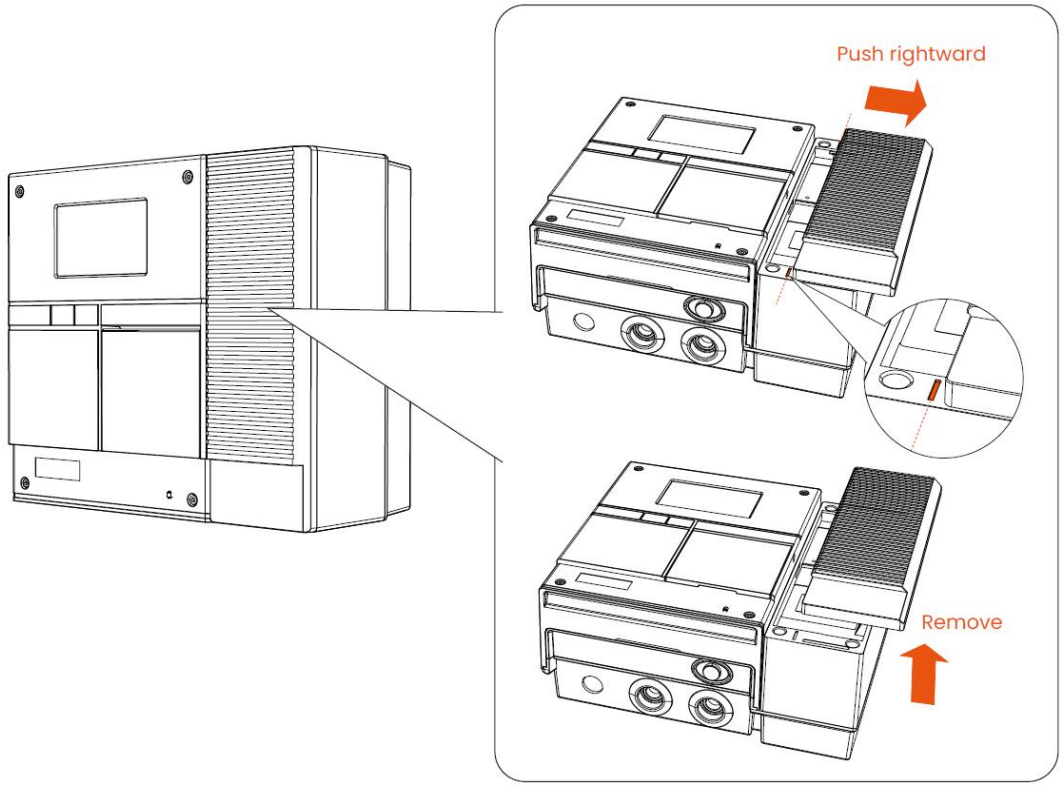
Press the button to quick change the language on the screen.

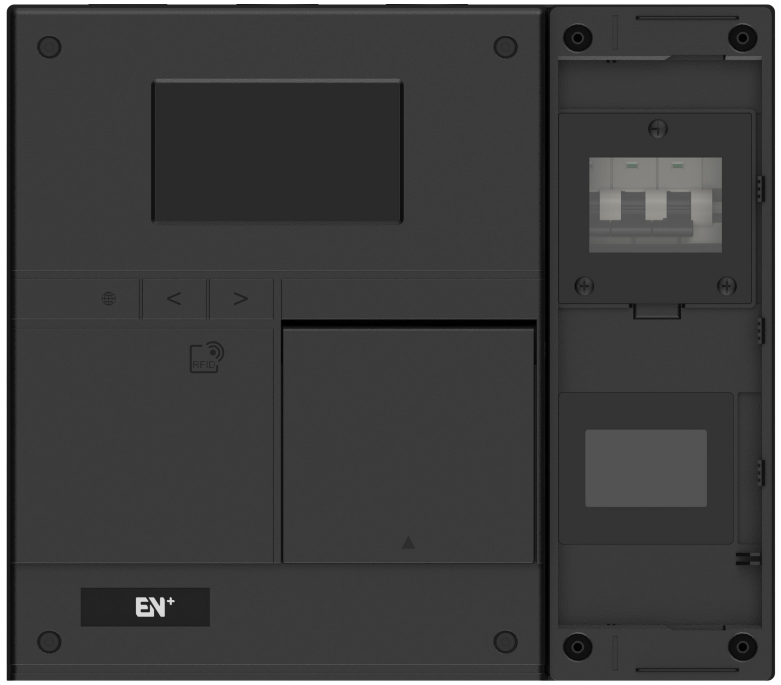


Brand Refresh – Peel, Stick, Evolve

Easily replace LOGO label

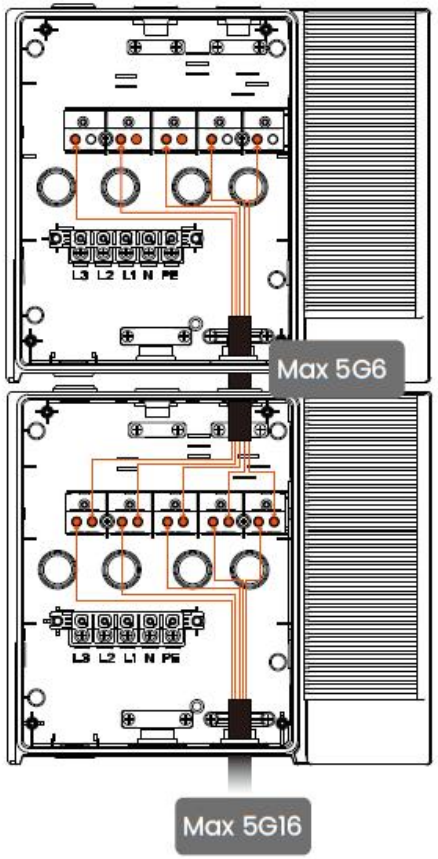
Easy Maintenance of RCBO



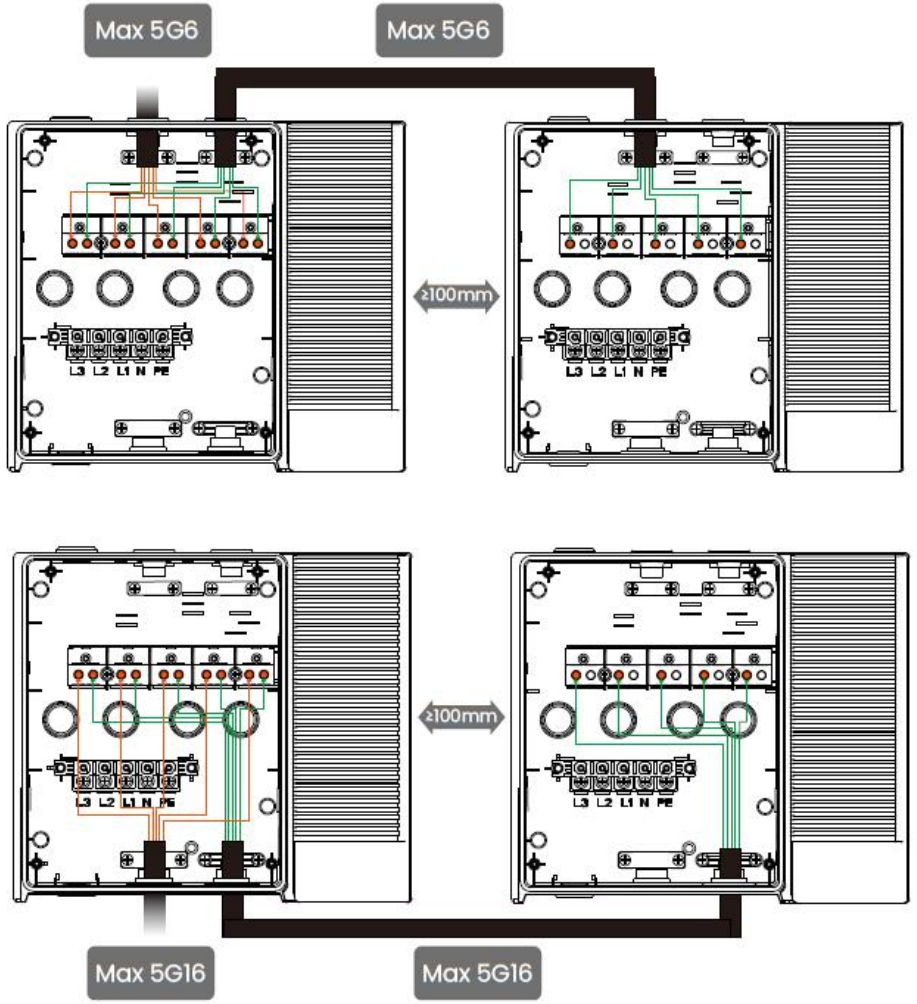


Slide the cover to the right until the little rectangular tab is exposed, then remove the cover.
Easily open the waterproof cover of RCBO

Dasiy chain installation for Pro



Require both chargers operate at **rated power of 22kW**, the cables **shall be routed from bottom**.



Require both chargers operates **at rated power of 11kW**, the cables can be routed from bottom and top.

Conformity of CE-RED Cyber-security

BUREAU VERITAS

Shaping a World of Trust

BUREAU VERITAS

Shenzhen EN Plus Tech Co., Ltd.

3 Plants 1-6 Floors, 6 Plants 201、301, Nangang No.2 Industrial Park, No. 1026, Songbai Road, Yangguang Community, Xili Street, Nanshan District, Shenzhen,Guangdong, P.R.China

2566AR05BAHO60134

Bureau Veritas LCIE China Company Limited certifies that the Product mentioned below has been evaluated and found to be in accordance with the following requirements.

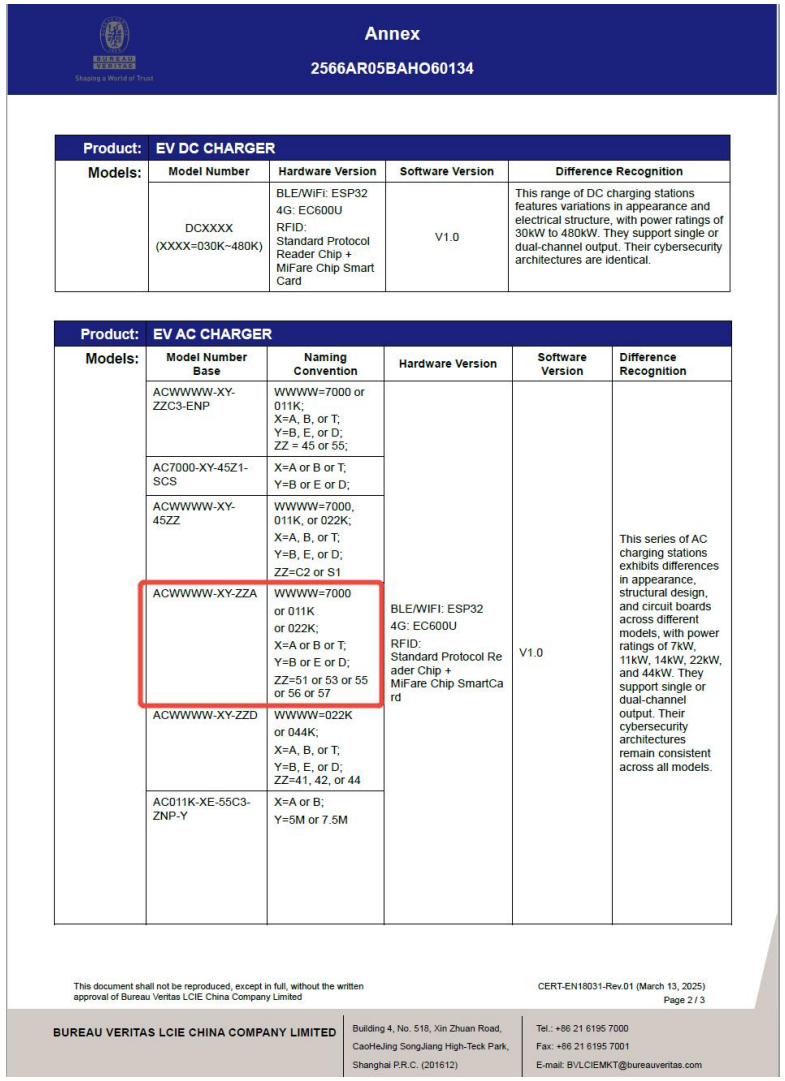
DIRECTIVE (EU) 2022/30 OF 29 October 2021
SUPPLEMENTING DIRECTIVE 2014/53/EU OF RADIO EQUIPMENT

Product:	EV AC CHARGER, EV DC CHARGER
Model:	Refer to Annex
Version:	Refer to Annex
Trademark:	EN+
Relevant Document:	CJVL-ESH-P25040803
Scope:	Article 3.3 d) Protection of Network - EN 18031-1: 2024
Issue Date:	**June 11, 2025**

Jacky Qiu

Jacky Qiu
Cyber Security Manager

BUREAU VERITAS LCIE CHINA COMPANY LIMITED
Building 4, No. 518, Xin Zhuan Road, CaoHeJing SongJiang High-Teck Park, Shanghai P.R.C. (201612)
Tel.: +86 21 6195 7000
Fax: +86 21 6195 7001
E-mail: BVLCIEMKT@bureauveritas.com



BUREAU VERITAS

Shaping a World of Trust

Annex

2566AR05BAHO60134

Product:	EV DC CHARGER			
Models:	Model Number	Hardware Version	Software Version	Difference Recognition
	DCXXXX (XXXX=030K~480K)	BLE/WiFi: ESP32 4G: EC600U RFID: Standard Protocol Reader Chip + MiFare Chip Smart Card	V1.0	This range of DC charging stations features variations in appearance and electrical structure, with power ratings of 30kW to 480kW. They support single or dual-channel output. Their cybersecurity architectures are identical.

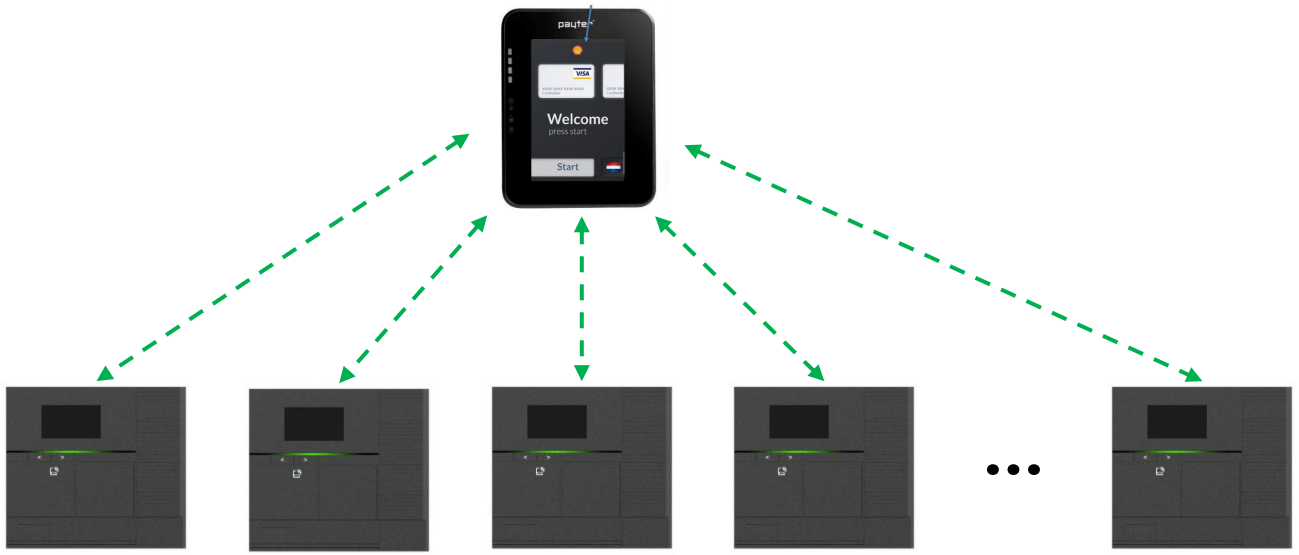
Product:	EV AC CHARGER				
Models:	Model Number Base	Naming Convention	Hardware Version	Software Version	Difference Recognition
	ACWWWW-XY-ZZC3-ENP	WWWW=7000 or 011K; X=A, B, or T; Y=B, E, or D; ZZ = 45 or 55;	BLE/WIFI: ESP32 4G: EC600U RFID: Standard Protocol Reader Chip + MiFare Chip SmartCard	V1.0	This series of AC charging stations exhibits differences in appearance, structural design, and circuit boards across different models, with power ratings of 7kW, 11kW, 14kW, 22kW, and 44kW. They support single or dual-channel output. Their cybersecurity architectures remain consistent across all models.
	AC7000-XY-45Z1-SCS	X=A or B or T; Y=B or E or D;			
	ACWWWW-XY-45ZZ	WWWW=7000, 011K, or 022K; X=A, B, or T; Y=B, E, or D; ZZ=C2 or S1			
	ACWWWW-XY-ZZA	WWWW=7000 or 011K or 022K; X=A or B or T; Y=B or E or D; ZZ=51 or 53 or 55 or 56 or 57			
	ACWWWW-XY-ZZD	WWWW=022K or 044K; X=A, B, or T; Y=B, E, or D; ZZ=41, 42, or 44			
	AC011K-XE-55C3-ZNP-Y	X=A or B; Y=5M or 7.5M			

BUREAU VERITAS LCIE CHINA COMPANY LIMITED
Building 4, No. 518, Xin Zhuan Road, CaoHeJing SongJiang High-Teck Park, Shanghai P.R.C. (201612)
Tel.: +86 21 6195 7000
Fax: +86 21 6195 7001
E-mail: BVLCIEMKT@bureauveritas.com

First AC charger meet EN 18031-1: 2024

Kiosk Payment Solution for multiple chargers

Central payment kiosk(Parking lot setup)

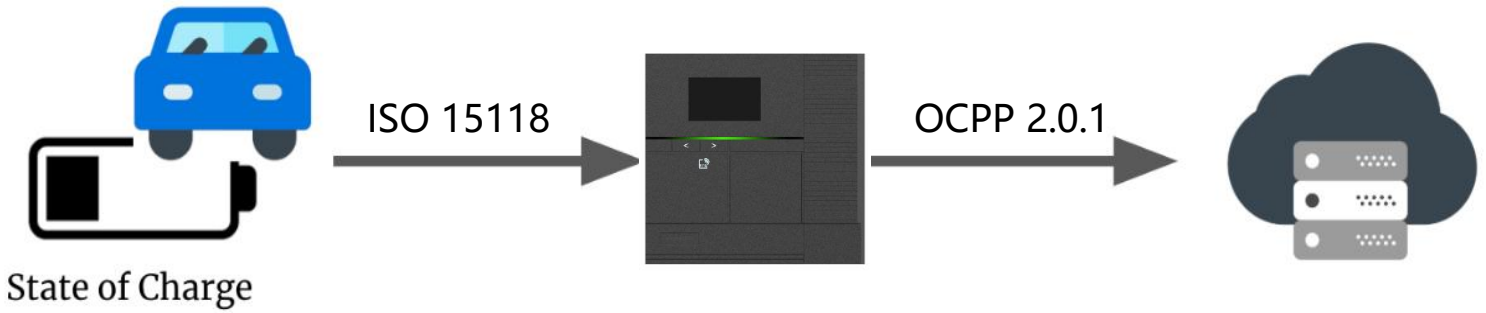


Suggest max 5pcs for user-friendly

With kiosk solution, support payment of multiple AC charger.
Maximizing the constructure benefits of charging station.

ISO 15118 Hardware-ready

ISO 15118 Enables interoperability between electric vehicles and charging stations, and allows for sophisticated features such as plug and charge, which allow car driver start charging process quickly.



The combination of OCPP 2.0.1 x ISO 15118 enables a smarter, safer and more efficient EV charging experience. This convergence will accelerate the standardization and globalization of EV charging infrastructures, improve management efficiency for charging operators, and increase convenience for end users.

Thanks for your time