



PRTDT® × RUIVANDA®

Make The Car Charging Safer

Corporate Brochure

EV CHARGER
MANUFACTURE

Nanjing Ruifanda New Energy Technology Co, Ltd.

Make The Car
Charging
Safer



COMPANY

PROFILE

FOCUS ON THE FIELD

OF NEW ENERGY VEHICLE CHARGING

About us

Nanjing Ruifanda New Energy Technology Co, Ltd. is a High-tech Manufacturer of New Energy Electric Vehicle Charging Equipments, As a professional EVSE manufacturer, its PRTDT brand, in the domestic online sales platform, the market share ranks first and belongs to the industry's first-line leading brand.

Our company has 3000 square meters of factory space and about 200 employees. Our corporate vision is to make electric vehicles safer to charge and worry-free to drive.

Market Growth

According to statistics, The EV charger keeps up with the development of new energy vehicles, and the sales of new energy vehicles continue to rise. Therefore, EV charger station will be another big market after gas stations.

We will contribute to the promotion and application of new energy vehicles worldwide. Our corporate goal: is to build a first-class enterprise and create an international brand.



We are committed to providing our customers with innovative products that represent the latest technology in electric vehicle charging and offering excellent customer service. ODM and OEM services are available.





Our products have passed CE, UL, CQC, FCC, ROHS, RCM and other domestic and foreign authorities issued by the quality inspection certification, and the application of a number of invention patents in the product.



CONTENT

01	Wallbox	01
02	Portable EV Charger	08
03	Systems & Accessories	14
04	Company Development	17
05	Service & Support	21
06	Contact Information	22

Product Development Philosophy: Safety as the first guide.

The company attaches great importance to quality and technology, each product in the market before, has gone through a lot of testing and verification.



PRODUCTION SERIES



Leakage
protection



Lightning
protection



Short circuit
protection



Overcurrent
protection



Undervoltage
protection



Overheat
protection



Emergency
protection

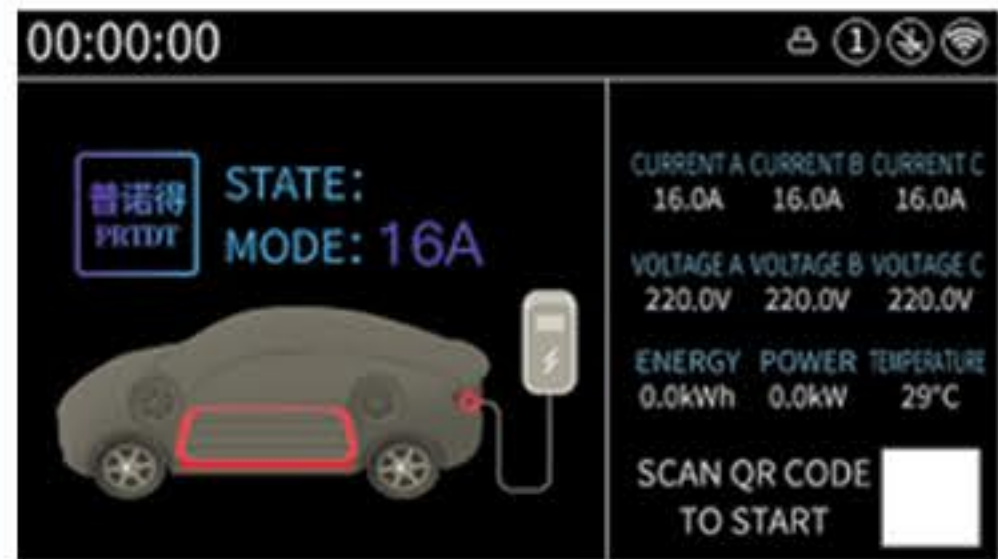


Rainproof
protection

FILL UP QUICKLY
TRAVELING AT FULL CAPACITY



COMPONENT FEATURES



5/4.3 Inch LCD Screen
Charging Status Display



Front Panel
Customizable logo

Power Switch

Support
Card Charging

LED Charging
Indicator



Wall
End Wire/Plug

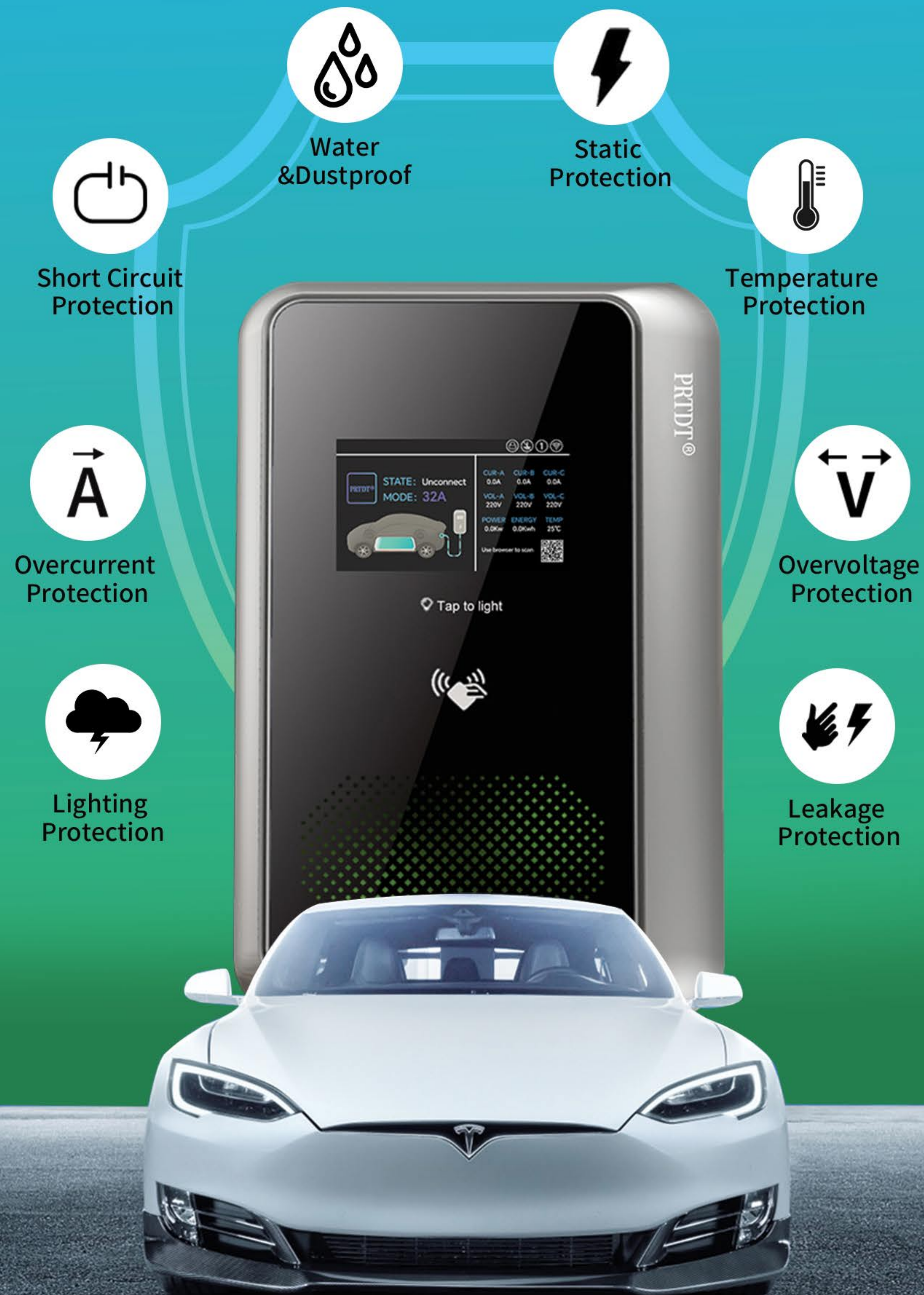


Sliver
Plated Charging Gun
Type1/Type 2/Tesla/G/BT

HOOK

TPU/TPE Cable
Long Service
Environment-Friendly

SECURITY PROTECTIONS



APPLICATION

No matter where you go, you can charge anywhere



① Residential Parking Lot

② Travel Place Parking Lot



③ Home Garage



- ✓ Power: 7KW-22KW
- ✓ Phase: 3phase/1phase

Support New Energy Electric Vehicles

Support mainstream new energy models on the market, including but not limited to the following Vehicles.



TESLA



AUDI



AUDI



BMW



SUZUKI



BYD han EV



BJEV



MONJARO



XPENG P7



GreatWall



Mercedes EQA

please consult customer service for more models

PRODUCT PARAMETERS

No matter where you go,you can charge anywhere



38.5cm×24.8cm×8cm
15.16inch×9.76 inch× 3.15inch



IC Card (2 pcs)



Hoder+Fixed Clamp+Accessory Tool



Instructions

TECHNICAL SPECIFICATION

Technical Features -EN IEC 61851-1: 2019			
Input/Output Voltage	100~240VAC 50/60Hz 1Phase	400VAC 50/60Hz 3Phase	400VAC 50/60Hz 3Phase
Output Current	8A/10A/13A 16A/22A/32A	8A/10A 13A/16A	8A/10A/13A 16A/22A/32A
Max Power	7kW	11kW	22kW
Cable Length	5m or more lengths are Customizable		
Standby Power	<3W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED(RGB)/LCD(4.3inch/5inch)/RFID(mifare ISO&IEC 14443A)		
Protool	OCPP1.6J(option)		
Standards	EN IEC 61851-1: 2019		
Charging Interface	IEC 62196 Type 2		
IP Degree	IP65		
Operating Temperature	-25~+50℃		
Humidity	Max.95%(non-regulating)		
Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Residual Current Protection, Overtemperature Protection,Flame retardant protection CP Protection		
Note	Charging Interface can be changed according to customer needs		

PRODUCT DETAILS

No matter where you go,you can charge anywhere



TECHNICAL SPECIFICATION

Technical Features-SAEJ1772

Input/Output Voltage	100~240VAC 50/60Hz 1Phase		
Output Current	8A/10A/13A 16A/22A/32A	10A/16A/24A 32A/40A	10A/16A/24A 32A/40A/48A
Max Power	7kW	9.6kW	11.5kW
Cable Length	7.5m or more lengths are Customizable		
Standby Power	<3W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED(RGB)/LCD(4.3inch/5inch)/RFID(mifare ISO&IEC 14443A)		
Standards	SAE J1772		
Charging Interface	SAE J1772 Type 1		
IP Degree	IP65		
Operating Temperature	-25~+50℃		
Humidity	Max.95%(non-regulating)		
Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Residual Current Protection, Overtemperature Protection, CP Protection, Flame retardant protection.		
Note	Charging Interface can be changed according to customer needs		

PRODUCT DETAILS

No matter where you go,you can charge anywhere



TECHNICAL SPECIFICATION

Technical Features - GB/T			
Input/Output Voltage	220VAC±20% 50/60Hz 1Phase	380VAC±20% 50/60Hz 3Phase	380VAC±20% 50/60Hz 3Phase
Output Current	8A/10A/13A 16A/22A/32A	8A/10A 13A/16A	8A/10A/13A 16A/22A/32A
Max Power	7kW	11kW	21kW
Cable Length	5m or more lengths are Customizable		
Standby Power	<3W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED(RGB)/LCD(5/4.3inch'')/RFID(mifare ISO&IEC 14443A)		
Standards	GB/T 18487-2015		
Charging Interface	GB/T 20234.2		
Altitude	<2000m		
IP Degree	IP65		
Operating Temperature	-30℃ ~ +55℃		
Humidity	Max.95%(non-regulating)		
Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Residual Current Protection, PEN Fault Protection, Overtemperature Protection, CP Protection, Flame retardant protection.		
Note	Charging Interface can be changed according to customer needs		

PRODUCT DETAILS

No matter where you go,you can charge anywhere



PRODUCTION SERIES



Leakage protection



Lightning protection



Short circuit protection



Overcurrent protection



Undervoltage protection



Overheat protection



Emergency protection



Rainproof protection

PORTABLE EV CHARGER



COMPONENT FEATURES

It's not possible to list them all
all plugs can be customised
for different countries

- Britain
- Germany
- Italy
- Denmark
- North America

Type 2 IEC 62196
Type 1 SAE J1772
Tesla
GB/T

0.5(1.6FT)
Customizable

Screen display

Current
Voltage
Power
Temperature
Etc

Charging
current

RGB Led Light
Red/Green/Blue

TPE/TPU Cable

Connector Types



J1772(type1)



TYPE2



Tesla



GB/T

SECURITY PROTECTIONS

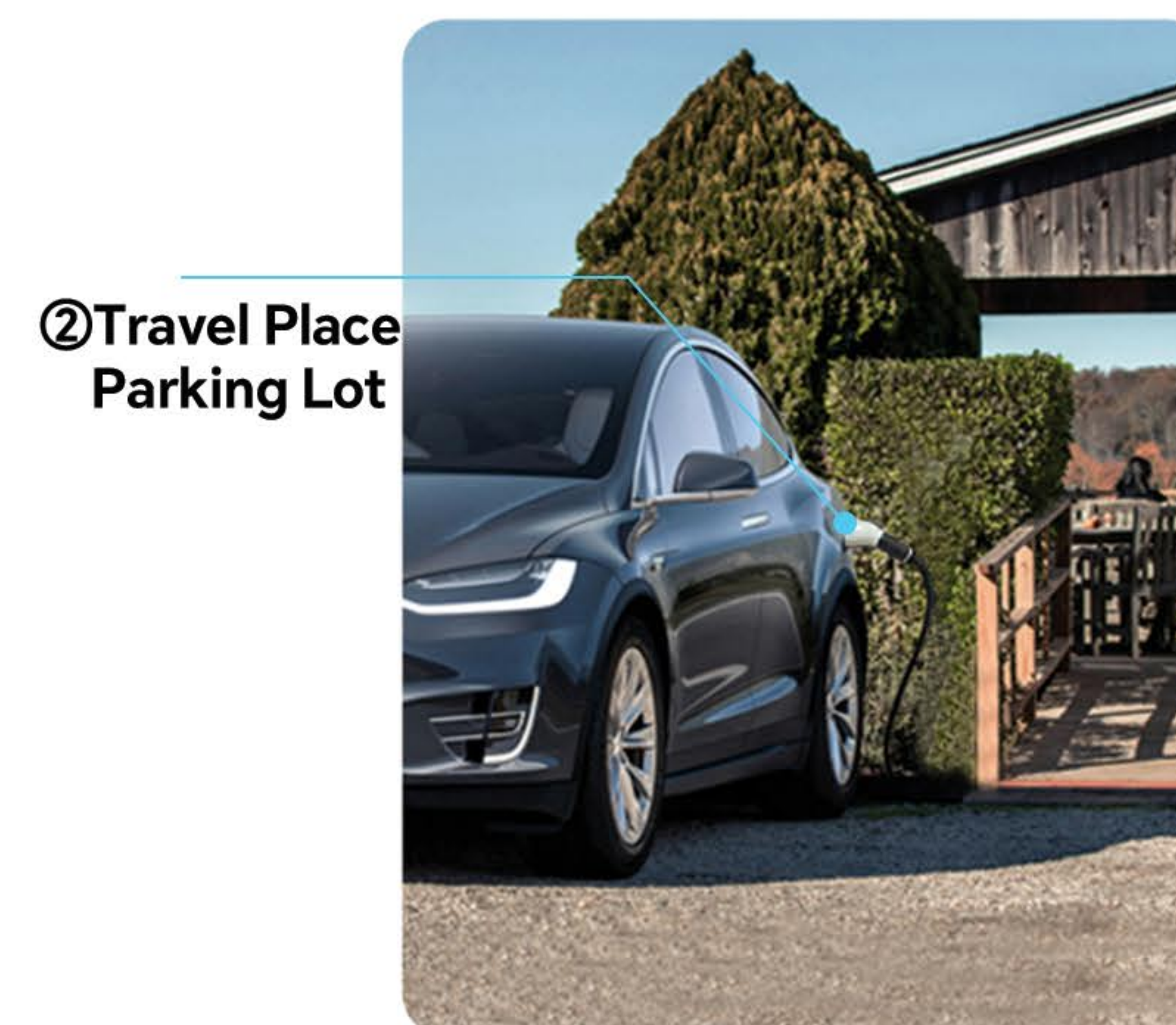


APPLICATION

No matter where you go, you can charge anywhere



① Residential Parking Lot



② Travel Place Parking Lot



③ Home Garage

✓ Power: 3.7KW-11KW
✓ Phase: 3phase/1phase

TECHNICAL SPECIFICATION

Technical Features - EN IEC 61851-1: 2019			
Input/Output Voltage	100~240VAC 50/60Hz 1Phase	100~240VAC 50/60Hz 1Phase	400VAC 50/60Hz 3Phase
Output Current	8A/10A 13A/16A	8A/10A/13A 16A/22A/32A	8A/10A 13A/16A
Max Power	3.5kW	7kW	11kW
Cable Length	5m or more lengths are Customizable		
Standby Power	<1.5W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED(RGB)/LCD(2.4")/Button		
Protool	OCPP1.6J(option)		
Standards	EN IEC 61851-1: 2019		
Charging Interface	IEC 62196 Type 2		
IP Degree	IP65		
Operating Temperature	-25~+50℃		
Humidity	Max.95%(non-regulating)		
Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Residual Current Protection, CP Protection, Flame retardant protection. Overtemperature Protection		
Note	Charging Interface can be changed according to customer needs		

Make Car Charging Safer

PRODUCT DETAILS

No matter where you go,you can charge anywhere



TECHNICAL SPECIFICATION

Technical Features-SAEJ1772

Input/Output Voltage	100~240VAC 50/60Hz 1Phase			
Output Current	8A/10A/ 13A/16A	8A/10A/13A 16A/22A/32A	10A/16A/24A 32A/40A	10A/16A/24A 32A/40A/48A
Max Power	3.5kW	7kW	9.6kW	11.5kW
Cable Length	7.5m or more lengths are Customizable			
Standby Power	<1.5W			
Communication	Wi-Fi 802.11b/g/n@2.4GHz			
User Interface	LED(RGB)/LCD(2.4'')/Button			
Standards	SAE J1772			
Charging Interface	SAE J1772 Type 1			
IP Degree	IP65			
Operating Temperature	-25~+50℃			
Humidity	Max.95%(non-regulating)			
Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Residual Current Protection, Overtemperature Protection, CP Protection, Flame retardant protection.			
Note	Charging Interface can be changed according to customer needs			

Make The Car Charging Safer

Make Car Charging Safer

PRODUCT DETAILS

No matter where you go,you can charge anywhere



TECHNICAL SPECIFICATION

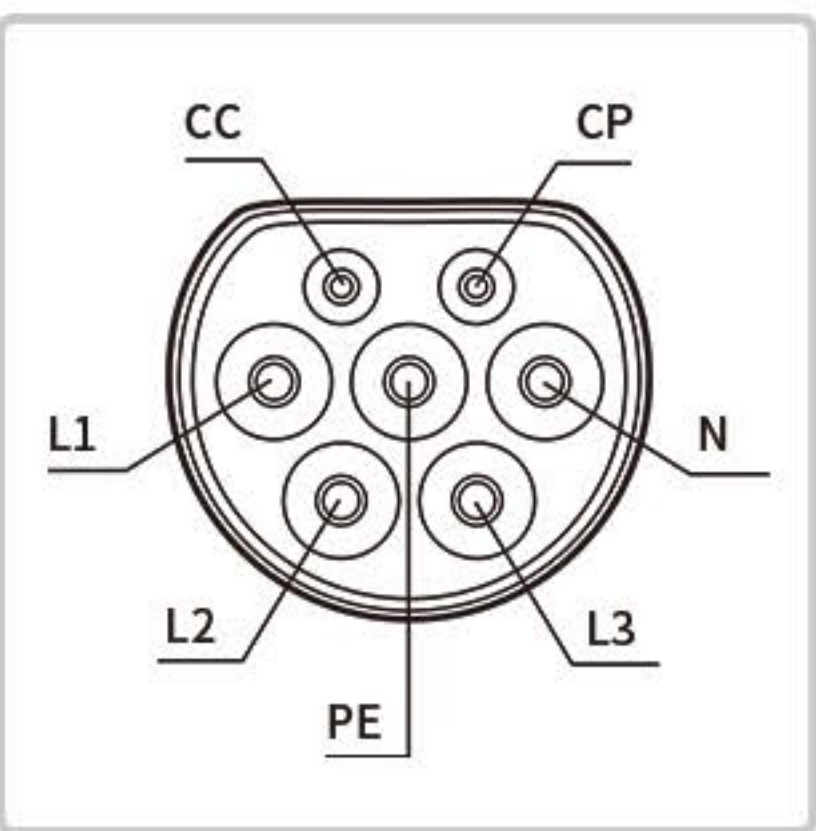
Technical Features - GB/T

Input/Output Voltage	220VAC±20% 50/60Hz 1Phase	220VAC±20% 50/60Hz 1Phase	380VAC±20% 50/60Hz 3Phase
Output Current	8A/10A 13A/16A	8A/10A/13A 16A/22A/32A	8A/10A 13A/16A
Max Power	3.5kW	7kW	11kW
Cable Length	5m or more lengths are Customizable		
Standby Power	<1.5W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED(RGB)/LCD(2.4'')/Touch button		
Standards	GB/T 18487.1-2015		
Charging Interface	GB/T 20234.2		
Altitude	<2000m		
IP Degree	IP65		
Operating Temperature	-25℃ ~ +50℃		
Humidity	Max.95%(non-regulating)		
Protection	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Residual Current Protection, PEN Fault Protection, Overtemperature Protection, CP Protection, Flame retardant protection.		
Note	Charging Interface can be changed according to customer needs		

Make Car Charging Safer

PRODUCT DETAILS

No matter where you go,you can charge anywhere



① User Interface



② Plug use G/BT



③ Multiple



Multiple plugs can be matched

6A-16A Series



UK NZ/AU EU BRA ZAF

10A-32A Series



3 Pins CEE 5 Pins CEE

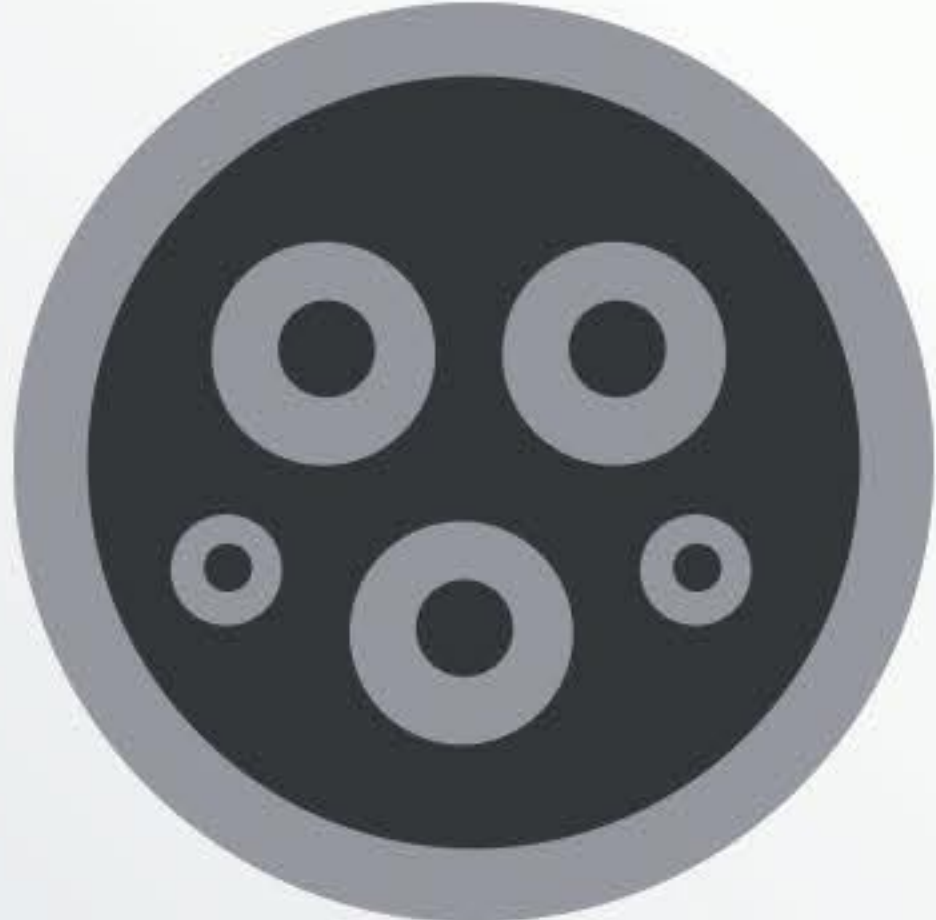
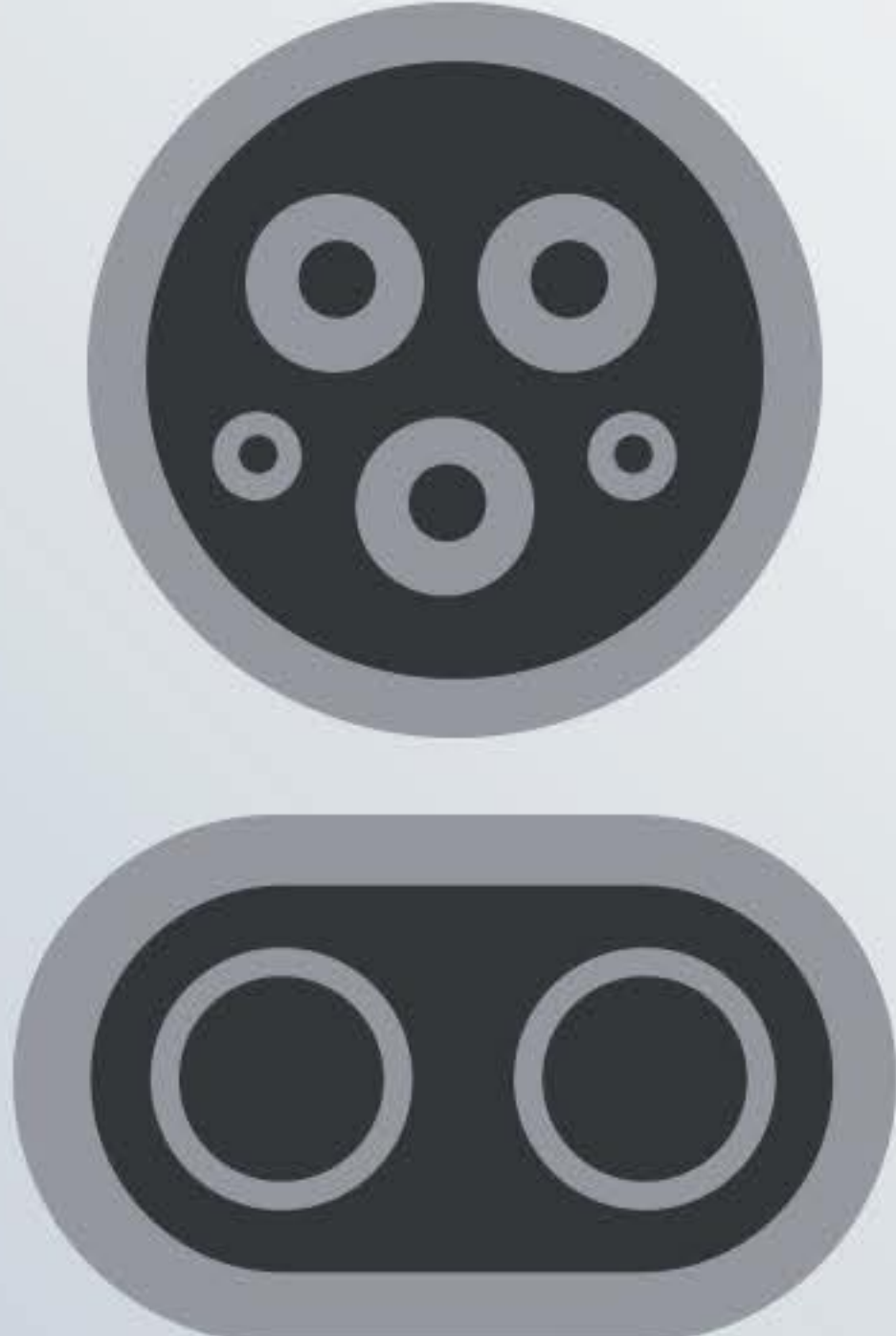
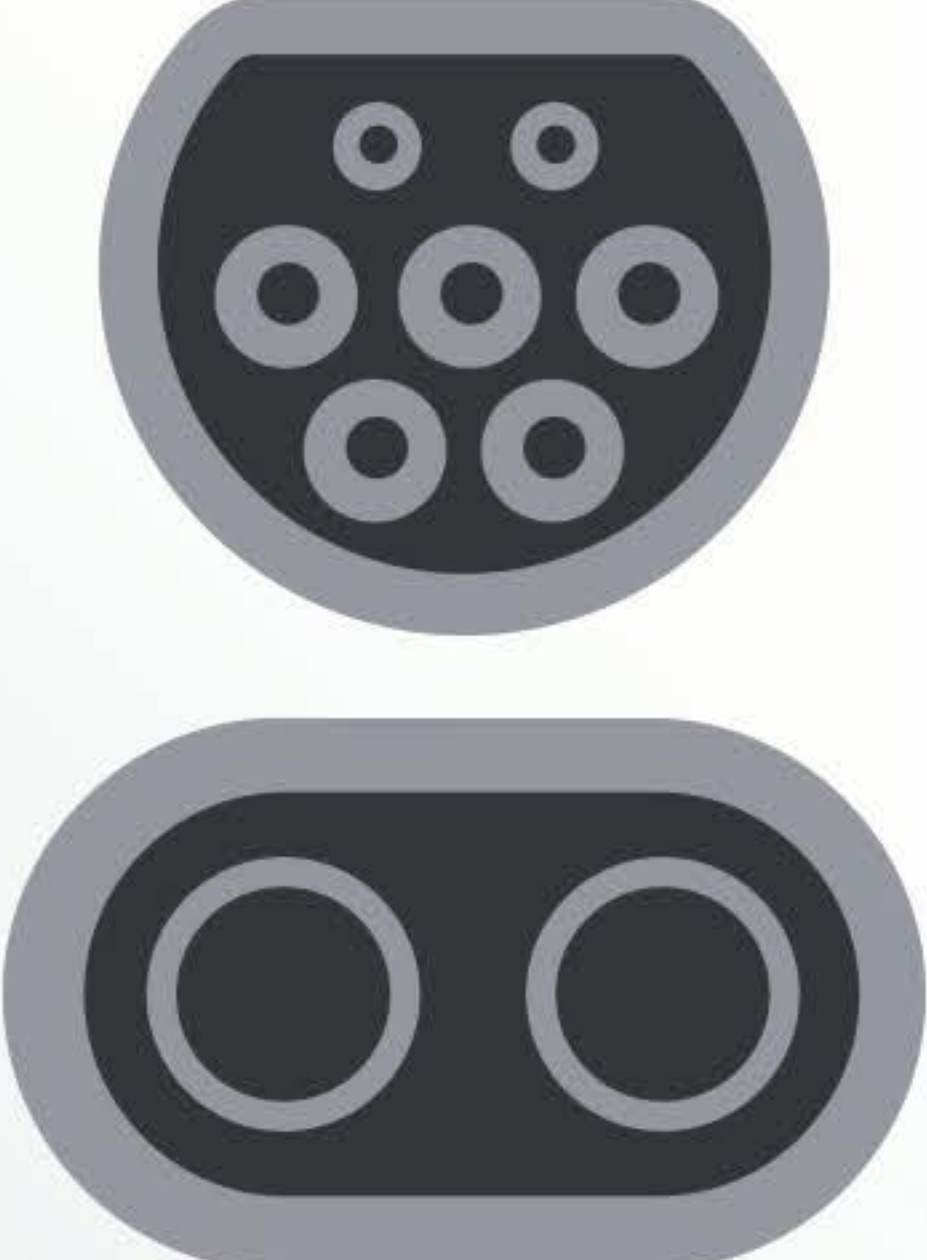
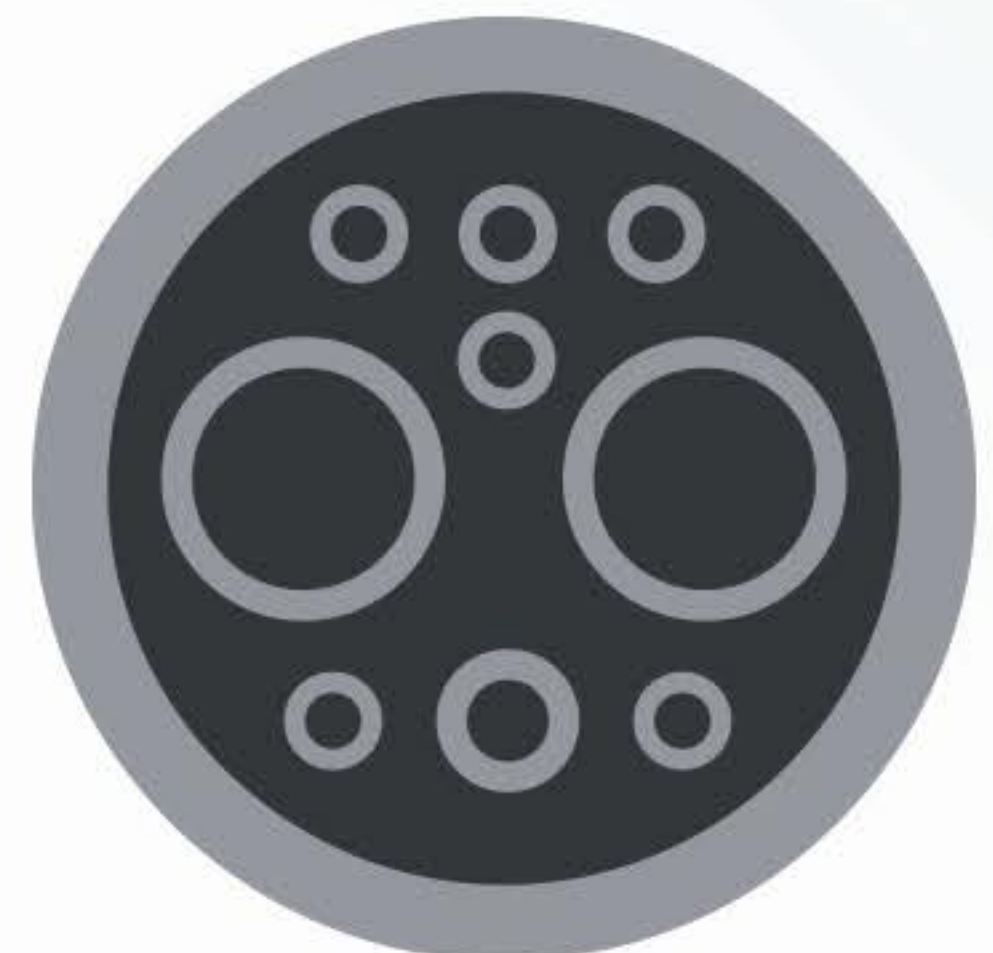
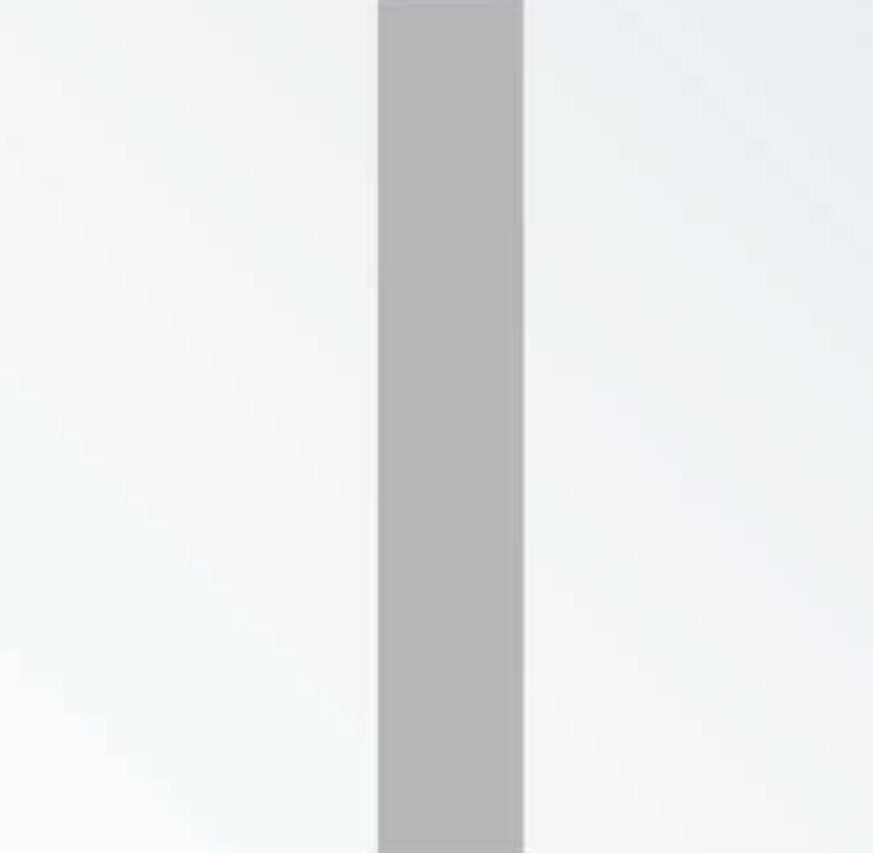
Nema Series



5-15P 5-20P 6-20P 10-30P 14-50P



CONNECTOR TYPES

	N.America	Japan	EU	China	Tesla
AC	 J1772(TYPE1)	 J1772(TYPE1)	 TYPE2	 GB/T	All Markets (Expects EU) 
DC	 CCS1	 CHAdeMO	 CCS2	 GB/T	 Tesla

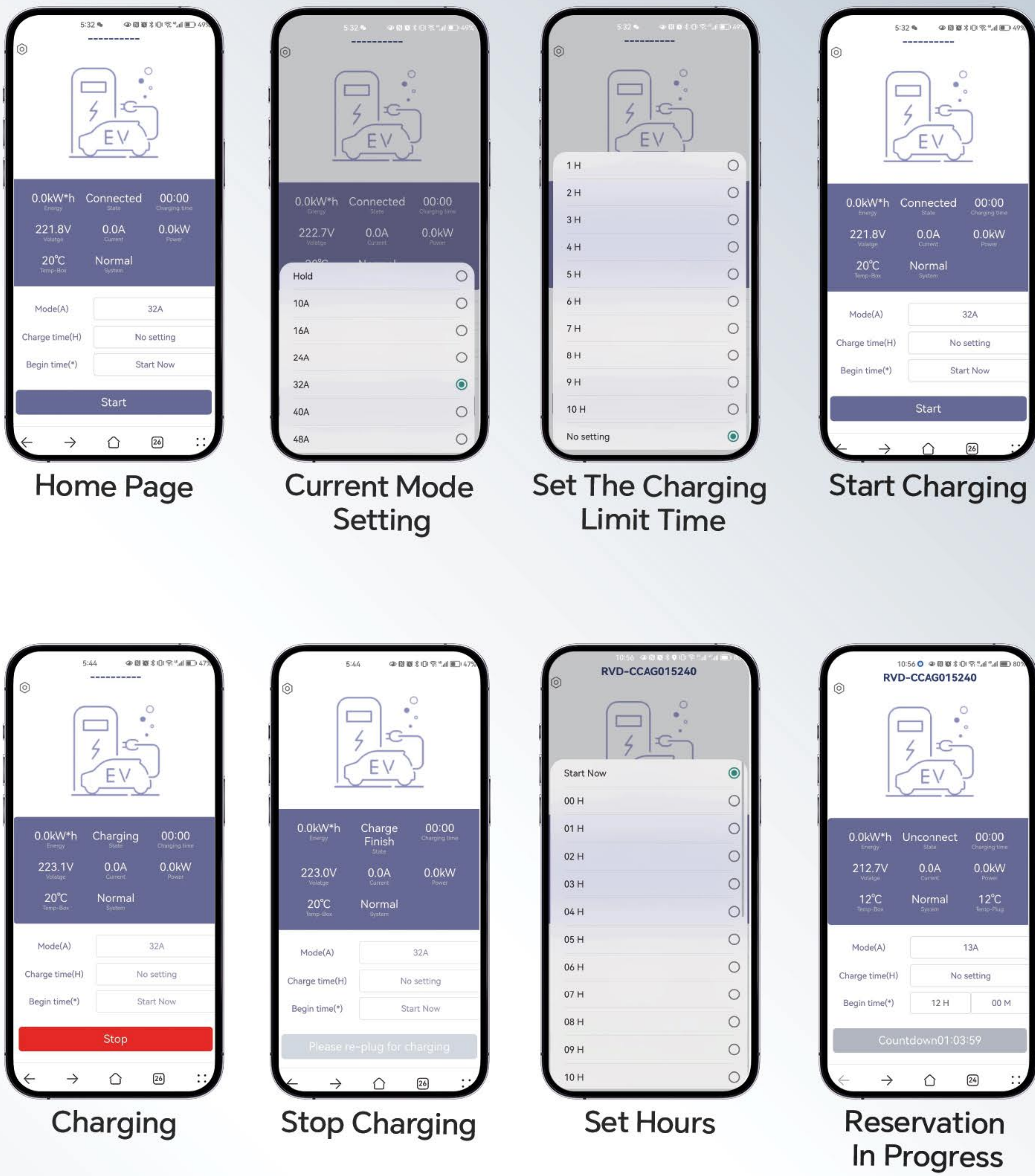
OCPP



EV General Solution

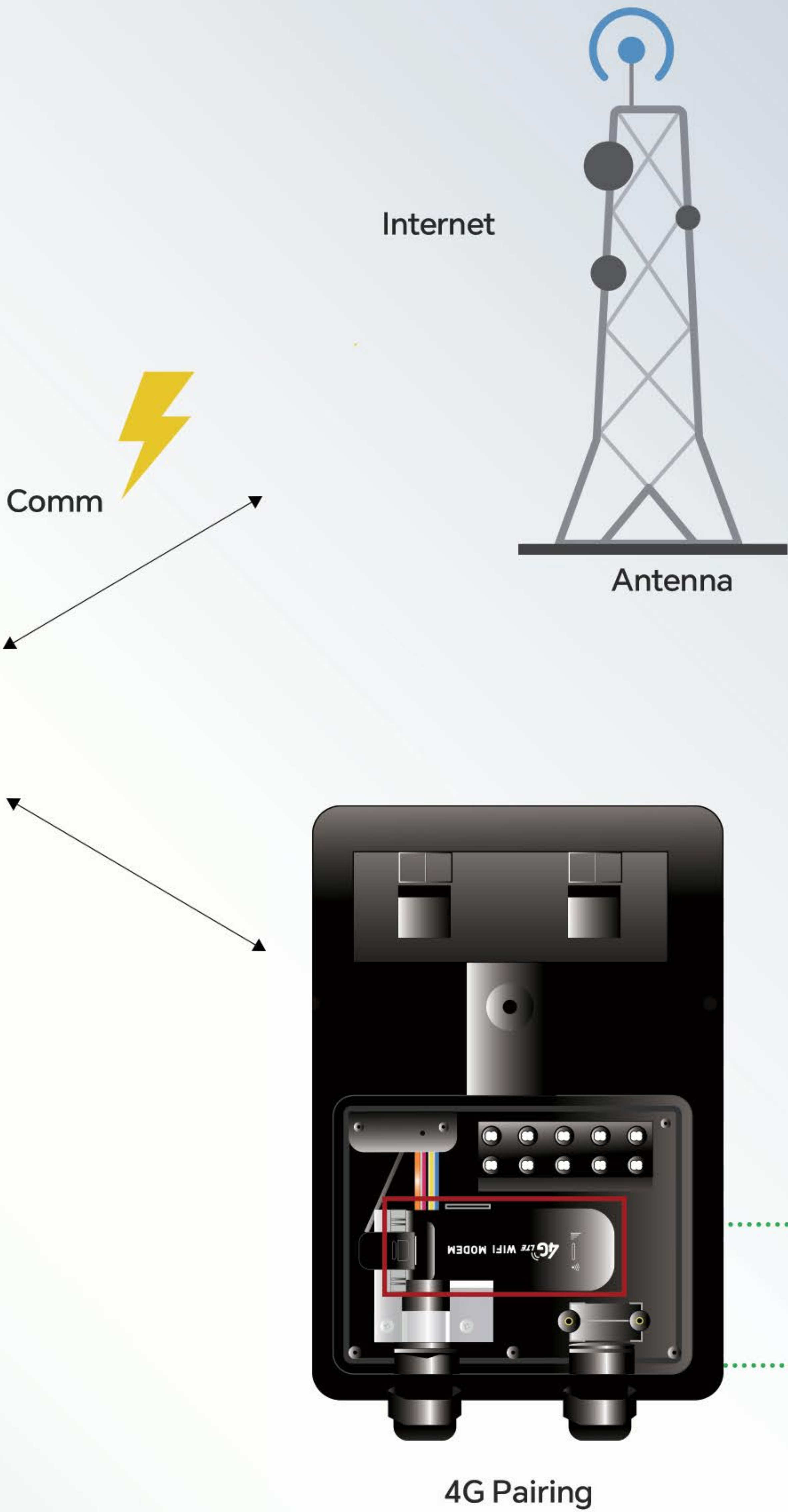


Multi-Featured Mobile Terminal/APP





OCPP Charging Station 4G Scheme

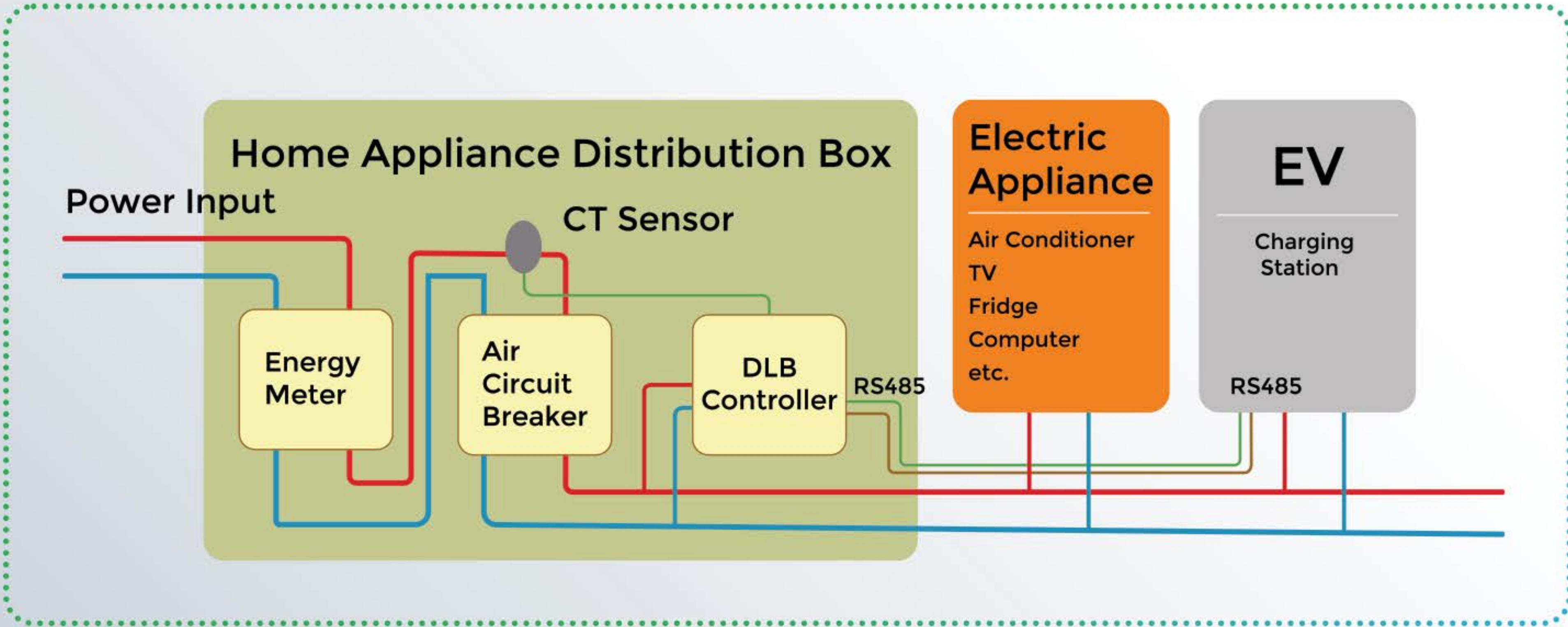


DLB



Home Use Smart DLB EV Charger

The product is a 1/3-phase Current collection component, through the current sensor to collect the AC current, the output is a digital signal, can read the current information through the RS485 interface, has the advantages of isolation, stability, especially suitable for the charging pile dynamic load balancing function.

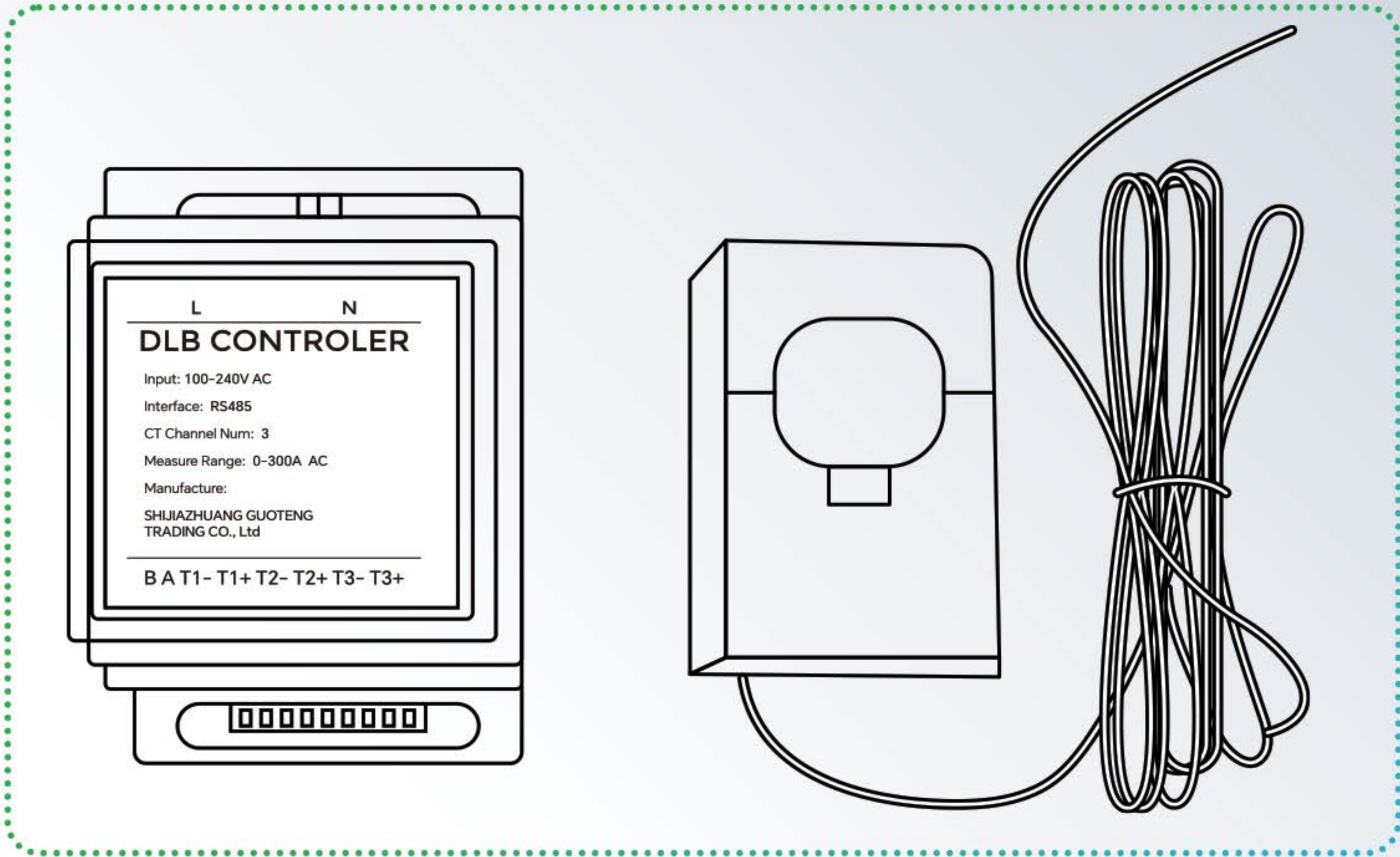


.Product Parameter

Product length: 87.5mm	Isolated withstand voltage:2500VAC
Product width: 54mm	Ambient temperature:-25°C~+50°C
Product height: 58.7mm	Communication interface:RS485
Input Voltage: 100-240V AC 50/60Hz	Installation mode: Stuck on standard
Standby power: <1W	35mm DIN rail

.Connection Definition

L:Live line	T2+:CT sesor-2(nonpolarity)
N:Neutralline	T2-:CT sesor-2 (nonpolarity)
A:RS485-A	T3+:CT sesor-3 (nonpolarity)
B:RS485-B	T3-:CT sesor-3(nonpolarity)
T1+:CT sesor-1(nonpolarity)	
T1-:CT sesor-1(nonpolarity)	



DEVELOPMENT HISTORY

Make The Car Charging Safer

01
2013/10

'PUNUODE' Company
Incorporated

03
2015/07

Started the project and developed
the first car charger at the same time

05
2020/07

The equity structure was registered and
Nanjing Ruifanda New Energy Technology
Co., Ltd. was incorporated.

02
2014/01

'PRTDT' Brand
Establishment

04
2019/10

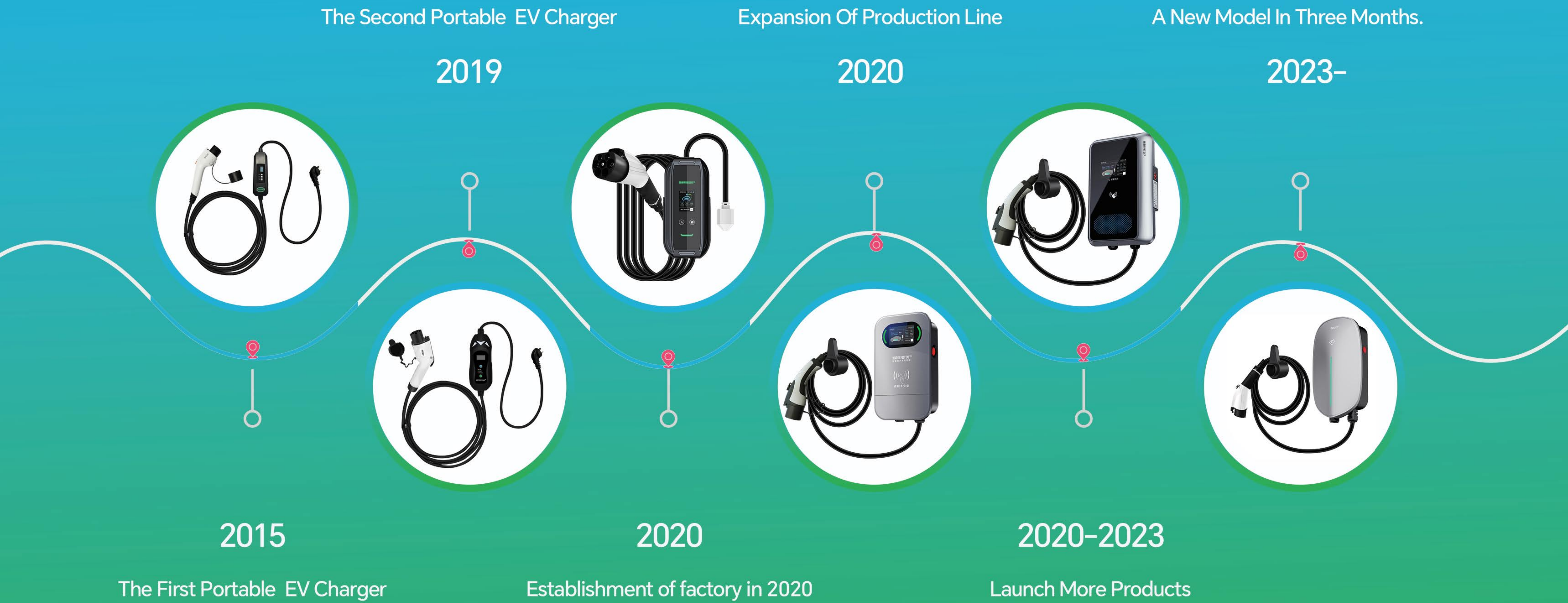
Tesla enters the Chinese
market, sales of new energy
charging equipment have
increased exponentially

06
2023-

Leading the industry's No. 1 brand
in the C-terminal market

DEVELOPMENT HISTORY

PRODUCT DEVELOPMENT HISTORY



PRODUCTION PROCESS

10⁺

YEARS EXPERIENCE

30⁺

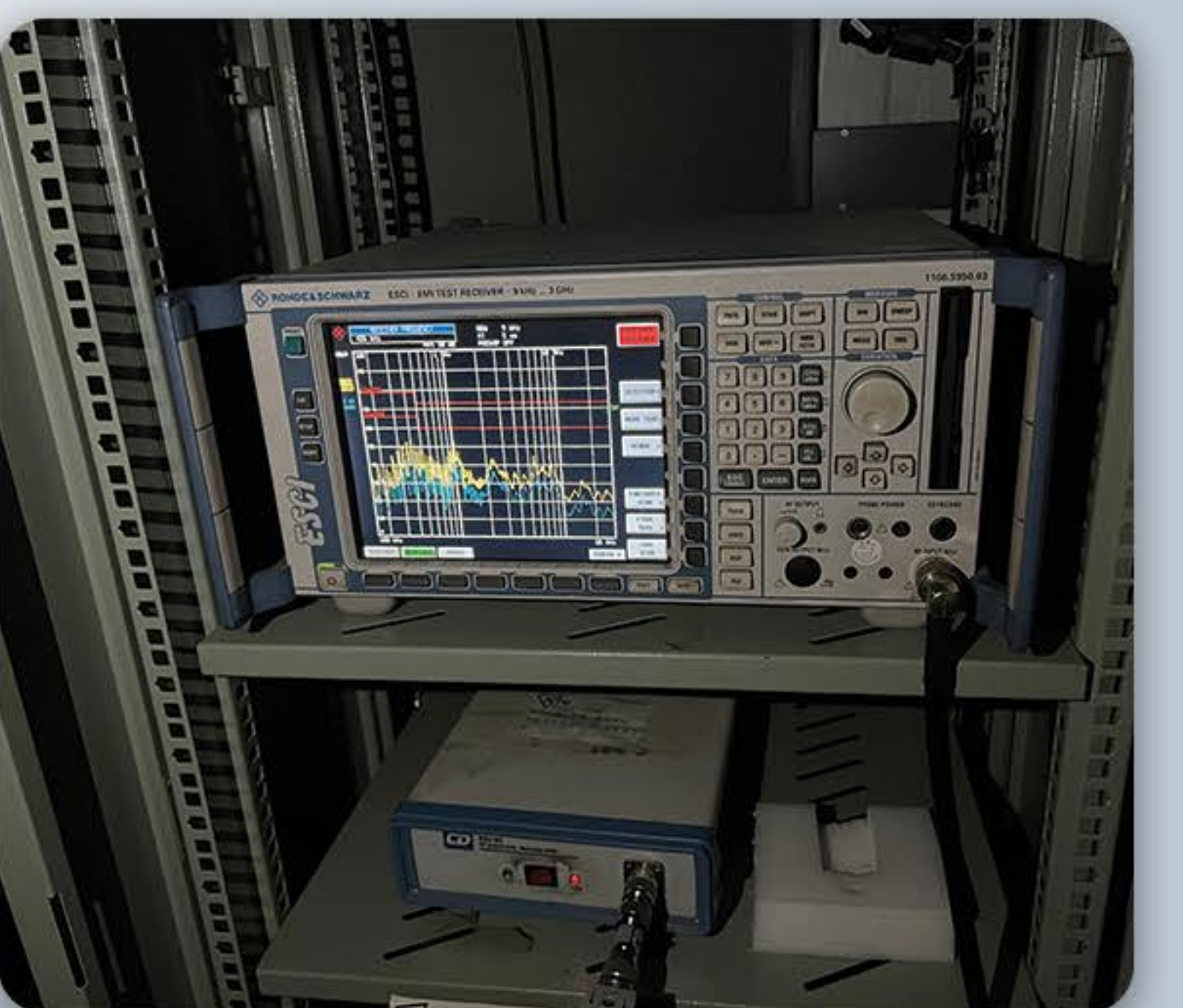
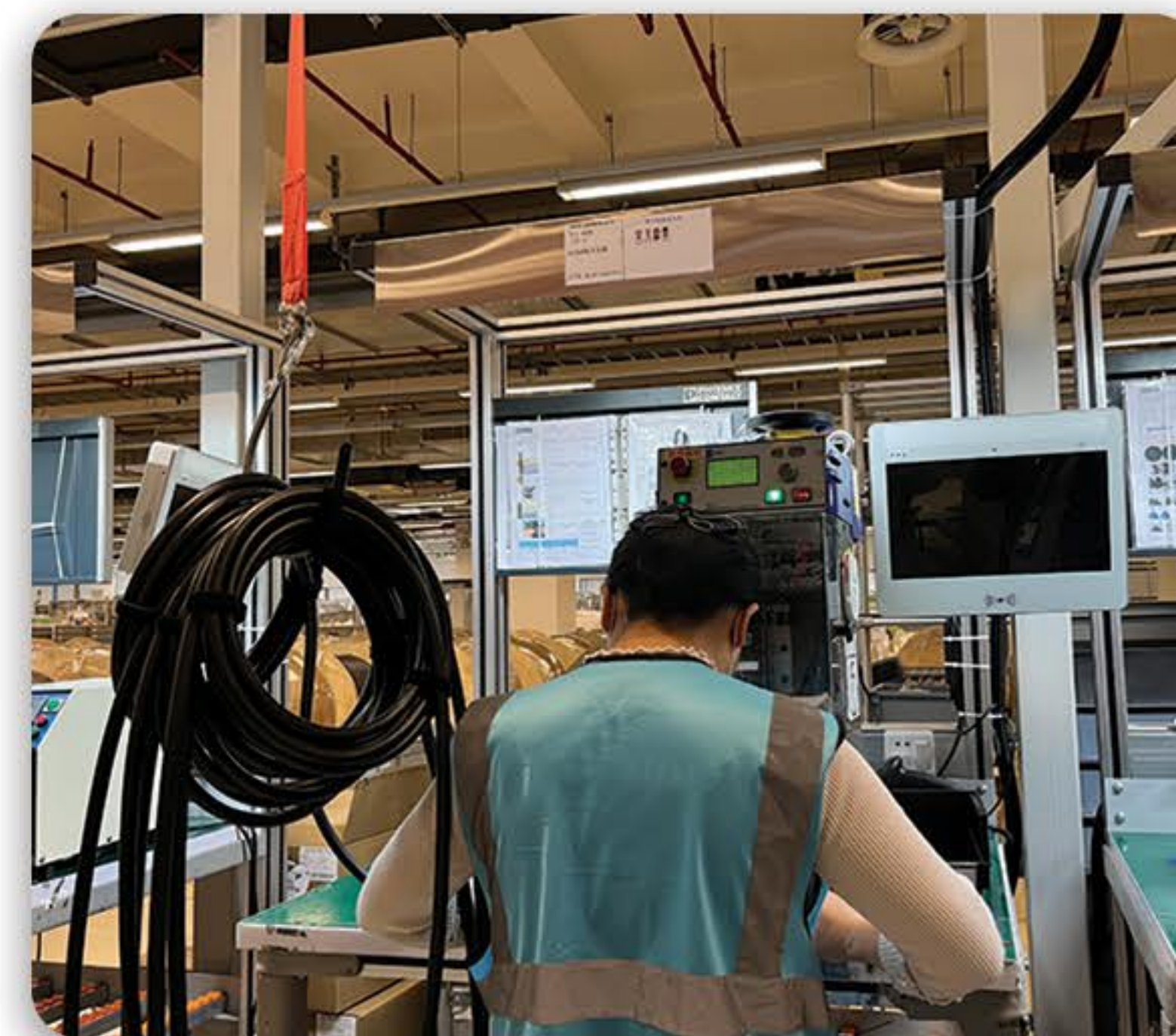
EXPORT COUNTRIES

100⁺

PRODUCT CERTIFICATION

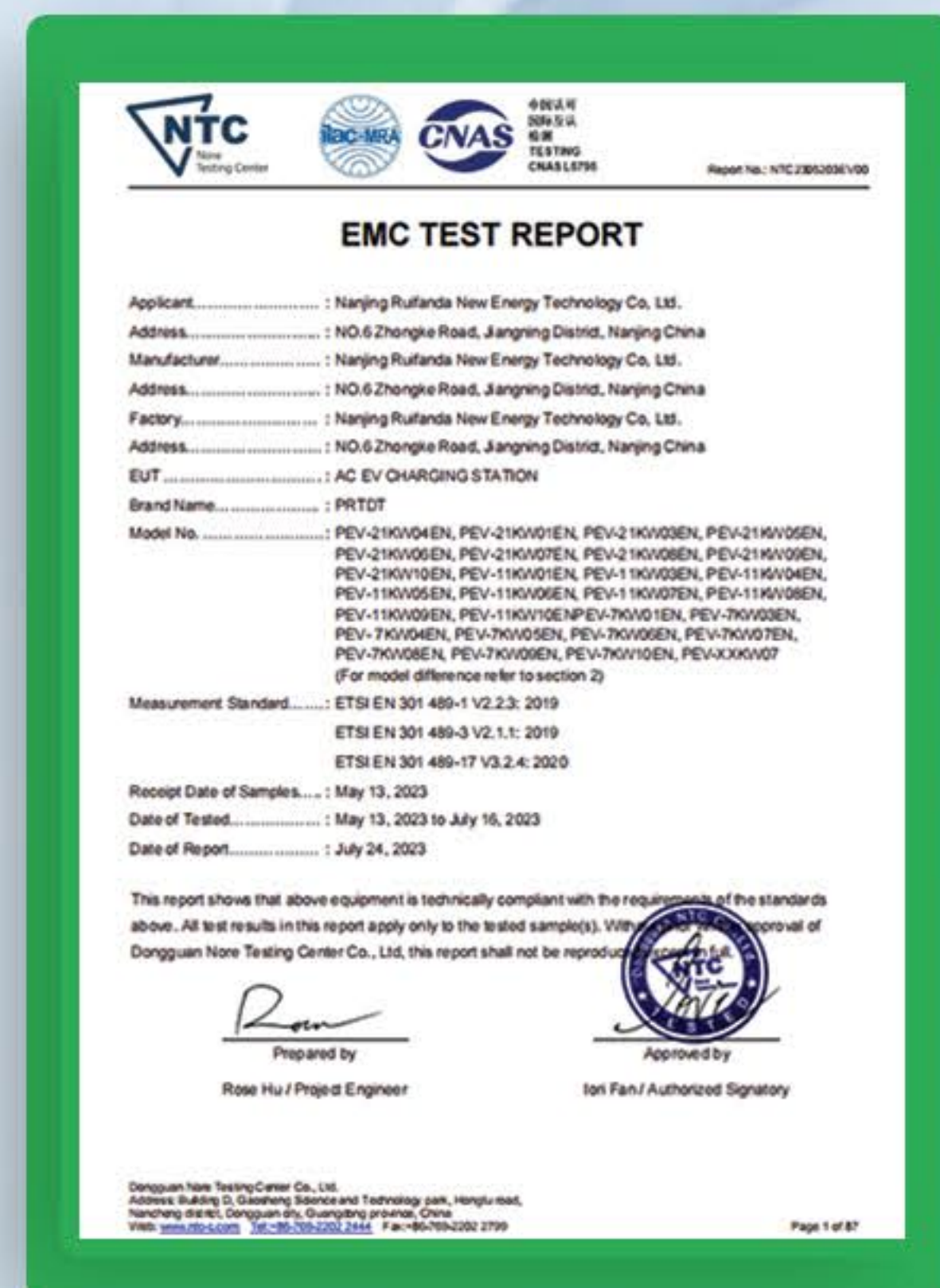
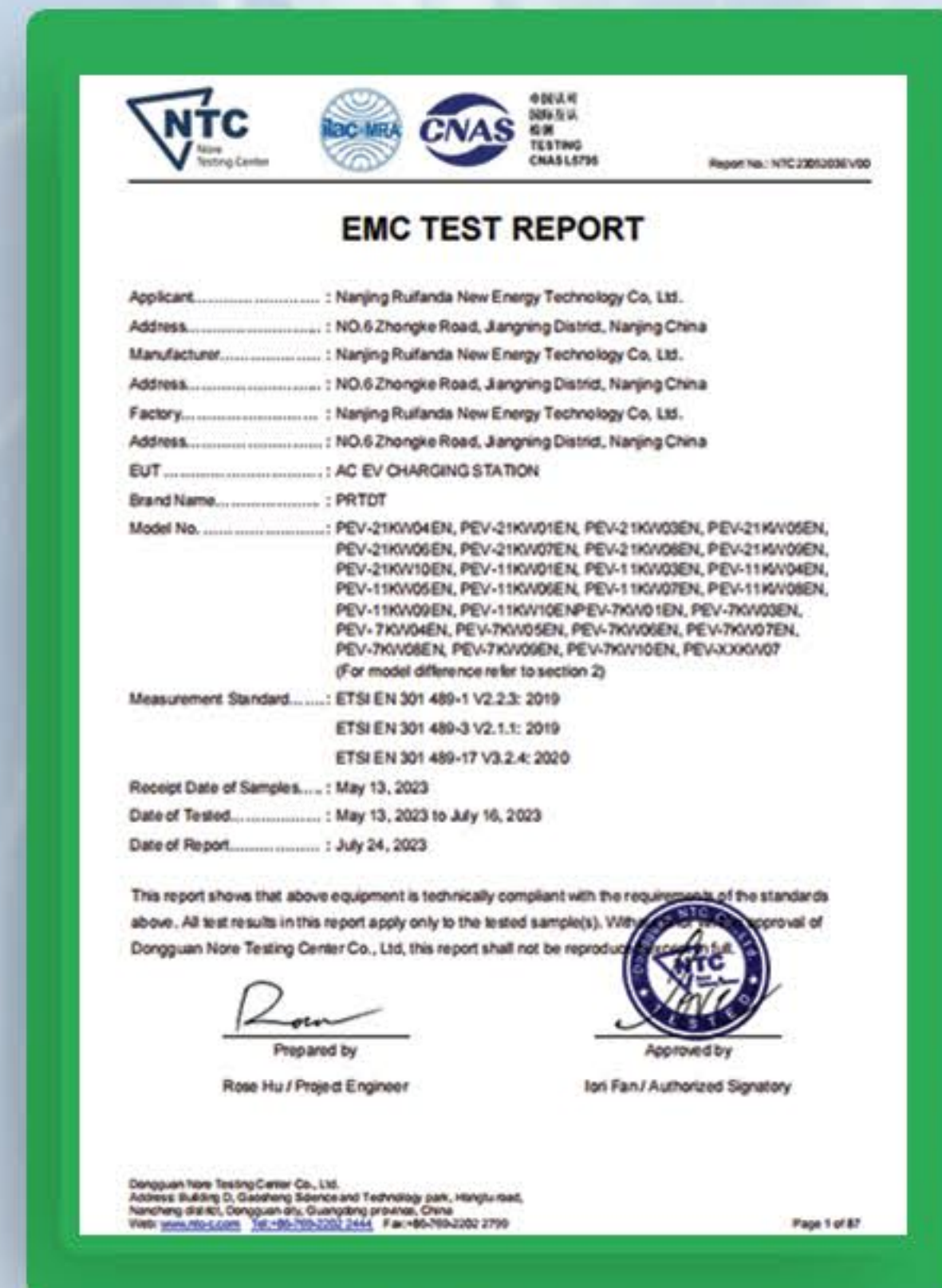
1000⁺

WEEKLY PRODUCTION



ABOUT US

CERTIFICATIONS



Our products have passed CE, UL, CQC, FCC, ROHS, CRM and other domestic and foreign authorities issued by the quality inspection certification, and the application of a number of invention patents in the product.

SUPPORT &SERVICE

We sincerely invite like-minded partners from world to work with us, making the EV charger better and better together, Let's seize the opportunity of the golden age and forge ahead.



Branding
Campaigns



Regional Customer
Forwarding



Trade Shows
Support



Sales And Service
Materials Supply



Free Technology And
Service Training



Best distributor prices and
warranty program



Market Protection
(city/country)



New Technology
And Product
Priority Promotion Rights



OEM service provided
bulk order

Professional Quality And Service Excellence

Our corporate vision is to make electric vehicles safer to charge
and worry-free to drive. We will contribute to the promotion
and application of new energy vehicles word wide.





PRTDT® × RUIVANDA®

Make The Car Charging Safer

Nanjing Ruifanda New Energy Technology Co,Ltd. Focuses on the field of new energy vehicle charging equipment,its PRTDT brand. in the domestic online sales platform.the market share ranks NO.1 and belongs to the industry's first-line leading brand.

Address

No.6, Zhongke Road,
Moling Street,
Jiangning District,
Nanjing,china

WhatsApp



Online

Email:
cassile@ruivanda.com
Website:
<https://ruivanda.en.alibaba.com/>
www.ruivanda.com