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Sunny XU

EV Charging

CATALOGUE 2024

TIMEYES

COMPANY PROFILE

ZSWINNER GROUP

Hunan Yiyang High Tech Industrial Park

13320 square meters

- **Hunan Shenshan Electronics Co., Ltd**

  Main Products:

  - Audio Video Cable
  - Smartphone Cable
  - Hardware
  - Wire

- **Yiyang Shenda Electronic Technology Co., Ltd**

  Main Products:

  - EV Charging Cable
  - EV Charging Station
  - EV Charging Adpater

Zhongshan, Guangdong Province

- **Zhongshan Winner Electronic Technology co., Ltd**

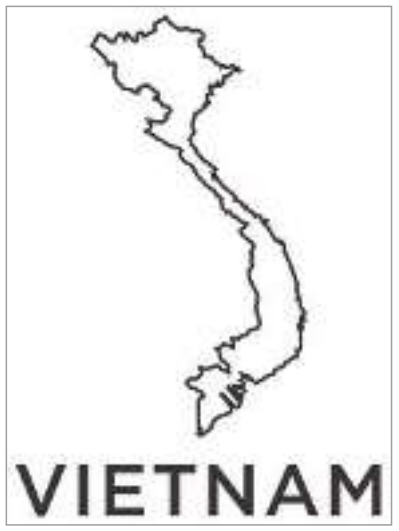
  Main Products:

  - Audio Video Cable
  - Smartphone Cable
  - Hardware
  - Wire

- **Zhongshan Shenteng Electronic Technology Co., Ltd**

  Main Products:

  - EV Charging Cable
  - EV Charging Station
  - EV Charging Adpater



- **Vietnam GOLD CABLE Manufactory**

  Main Products:

  - Audio Video Cable
  - Smartphone Cable
  - Hardware
  - Wire

MARKET RESEARCH
Understand market conditions and user pain points

SOLUTION
Product design solutions

DEVELOP
Integrate the above information for overall development

COMPETITIVE PRODUCT ANALYSIS
Analysis of similar products in the market

CUSTOMER EVALUATION
The preliminary completed plan is reviewed by the customer

MARKET FEEDBACK
Integrate and collect customer feedback information

ENTERPRISE INFORMATION

ZSWinner Group focuses on the research, development, production and sales of new energy electric vehicle charging cables, charging piles and adapters, and is committed to providing home users with comprehensive AC electric vehicle charging solutions.

Products mainly include:
EV Charging Cable
Portable EV Charging Station
EV Charging Wall Box / Station
EV Charging Adapter

With more than 30 years of experience in hardware, connectors and wire manufacturing, ZSWinner Group's products are exported to many countries and regions such as Europe, America, Oceania and Southeast Asia. The company has more than 30 R&D personnel and has applied for 57 invention and utility patents. The products have passed ISO9001 and ISO14001 international quality system certifications, and have obtained certifications from authoritative organizations such as TUV, ETL, and UL to ensure that the products meet environmental standards.

We uphold technological innovation, promote industry progress, adhere to the core values of " integrity, respect, efficiency, cooperation, and innovation", and are committed to building an industry-leading and competitive enterprise, making positive contributions to society, and creating a sense of pride for employees.

Through the continuous development of high-quality AC charging products, ZSWinner Group provides electric vehicle users with safe, intelligent, environmentally friendly and convenient charging services, helping customers achieve sustainable energy goals.

R&D Capabilities

A R&D team of more than 17 people, covering areas such as appearance design, embedded software, cloud platform, core components, etc.

Manufacture

Standardized factory, standardized warehousing, support OEM processing.

Product testing

From raw materials to finished products, each device undergoes a series of standardized tests to ensure that the product leaves the factory without quality defects.

Plug & Pull Tester

Swing Tester

EV Charger Comprehensive Tester

Temperature Rise Tester

Aging Tester

Twisted Tester

Marketing

Professional pre-sales and sales service team, dedicated person for consultation.



After Sale

7 x 24 hours intelligent customer service hotline, long-term technical support service.

Technical Qualifications

More Than **12** Utility Model Patents

More Than **10** Industrial Design Patents

Honorary Qualifications

Products strictly comply with UL, SAA, CB, CE, TUV, ISO and RoHS standards, the technical level is leading the industry.




EV CHARGING

Directory

IEC AC
TYPE 2 - TYPE 2 EV CHARGING CABLE

IEC International Electrotechnical Commission

Plug Sochet Outlet

Vehicie Connector And Vehicle Inlet

ST-E250

Material

- PC+Nylon+Fiberglass
- TPU
- Copper Alloy, Silver Plated
- Silicone Rubber

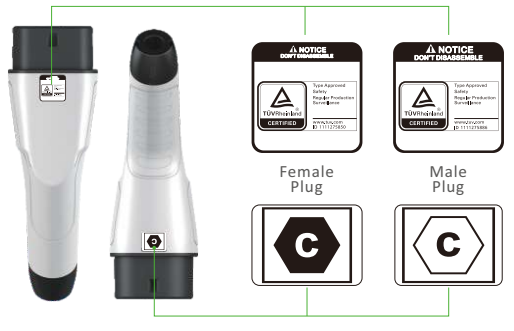
Certificates

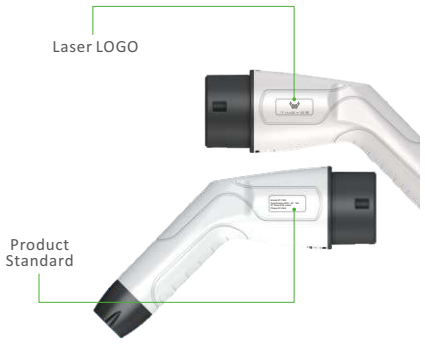
Product Features

Compatibility	: IEC 62196-2
IP Grade	: IP 55
Flame Retardant Grade	: UL94V-0
Insulation resistance	: >100MΩ
Contact resistance	: 0.5mΩ Max
Withstand Voltage	: 250V/480V
Operating Temperature	: (-30°C~+50°C)
Insertion and Extraction Force	: 80<F<10ON
Mechanical Life	: No-load Plug>10000 times
Terminal	: Copper silver plating thickness (120μ)
Sealing Gasket	: Silicone rubber elastomer

	3.5KW	7KW	11KW	22KW
	Single Phase	Single Phase	Three Phase	Three Phase
Current	16A	32A	16A	32A
Wire Spec	$3*2.5mm^2 + 0.5mm^2$	$3*6mm^2 + 0.5mm^2$	$5*2.5mm^2 + 0.5mm^2$	$5*6mm^2 + 0.5mm^2$
OD	11 mm	13 mm	13 mm	16.5 mm

TUV Certification Sticker

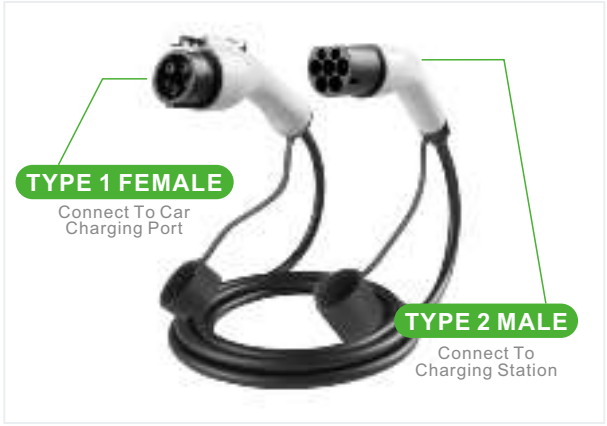




ST-E252

Type 2 to GB/T EV CHARGING CABLE
(Used for GB/T Electric Vehicles)

250V/480V | 16A/32A



ST-E150

Type 2 to Type 1 EV Charging Cable
Please note: This cable is not suitable for use as an extension lead.

250V | 16A/32A

Electrical Performance

Insulation resistance	: >100MΩ(1000V)
Pins temperature rise	: <50K
Withstand voltage	: 3500V
Contact impedance	: 0.5mΩMax

Applied Materials

Shell Material	: PC+Nylon+Fiberglass
Pin	: Copper alloy, silver

Mechanical Properties

Mechanical life	: No-load plug>10000times
Impact of external force	: Can afford 1m drop and 2t vehicle run over pressure.

Environmental Performance

Operating temperature	: -30°C~+50°C

CUSTOMIZATION

ST-E254
Type 2 to Type 2 Spiral / Coiled EV Charging Cable

Spring Wire Design:

More suitable for carrying.
Allows EV charging cables to reduce space occupancy.

Standards Compliance:

Compliant with IEC 62196-1 and IEC 62196-2 standards.
Designed for charging electric vehicles in line with IEC 61851-1 regulations.

Design & Functionality:

Features an external textured coating on the lower portion to enhance grip and ease insertion into the inlet.

Protection & Durability:

Equipped with a rubber cable gland, offering an IP55 protection rating when inserted into its protective insulating cover.

Brand Customization:

Offers options for brand customization to meet client needs.

ST-E253
Self-Retracting Type 2 EV Charging Cable

Memory Function Design:

Unique self-retracting design with shape memory functionality. After use, it automatically coils into a helical shape, allowing for quick storage, saving space, and preventing cable tangling.

High Durability:

High-strength cable and plug with silver-plated contacts ensure extra durability.

Sturdy Construction:

The cable is designed to be robust, resistant to vehicle run-over, and highly durable. It can be used outdoors in any weather conditions, is oil-resistant, longitudinally watertight, meets IP55 protection standards, and operates in a wide temperature range (-40°C to 50°C).

Self-retracting Design

Certificates

ST-E140
Tesla Extension Charging Cable
Compatible with Model 3/Y/X/S/Cybertruck

Product Features

Connector Type	: Nacs Plug to Nacs Plug
Cable Material	: TPE
Compatible Devices	: Tesla Model-X, Tesla Cyber-truck, Tesla Model-Y, Tesla Model-3, Tesla Model-S
Standard	: Ui2594 3rd Ed, UL 2231-1-2021, UL 2231-2-2020, UL 991-3rd ED, NACS
Recommended Uses For Product	: Travelling, Outdoor, Indoor

ST-E255
Type 2 to NACS Tesla EV Charging Cable

Product Features

- Designed for North American versions of Tesla Model 3, Y, X, and S
- Also compatible with Type 2 AC stations in Europe, Australia, and other Type 2-compliant regions
- Ideal for fast charging at home or public Type 2 AC stations

Portable EV Charging Station(EU)

MAX: 22KW

IEC 62752
IEC 61851-21-2

Protection Functions

- Leakage Protection
- Flame retardant
- Overvoltage protection
- Undervoltage protection
- Overcurrent protection
- Waterproof And Dustproof
- Lightning protection
- Short circuit protection
- Over Temperature protection

Equipped with comprehensive safety features to eliminate any charging risks, this device will automatically shut off once the vehicle is fully charged. This function helps protect the car battery and extends its overall lifespan.

Specification

Voltage	: 220V -240V
Frequency	: 50 / 60Hz
Residual current protection	: 30mA as default 6mA is optional
Contact Resistance	: 0.5mΩ Max
Max Terminal temperature rise	: <50K
Withstand voltage	: 1500V

Environmental Performance

Working temperature	: -30°C~+50°C
Working humidity	: 5%-95% No. condensation
Protection Level (control box)	: IP65
Altitude	: ≤2000m
Application Site	: Indoor / Outdoor
Cooling Method	: Natural cooling
Mechanical life	: No-load plug in/out > 1000 times
Coupled insertion force	: 45N<F<100N
Impact of external force	: Can afford 1M drop

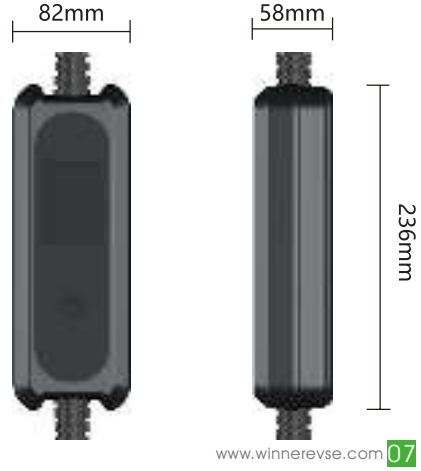
ST-E210
Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

■ 3.5 KW | 16A | Single Phase

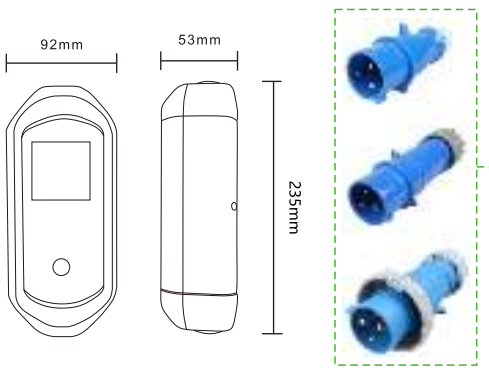
Optional wall end plug

Appearance and size of charging box



ST-E207
Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App



- 3.5 KW | 16A | Single Phase
- 7 KW | 32A | Single Phase
- 11 KW | 16A | Three Phase

ST-E201
Portable EV Charging Station

- 3.5 KW | 16A | Single Phase
- 7 KW | 32A | Single Phase

Optional wall end plug


Schuko 16A


UK13A


AU-AZ(10A)

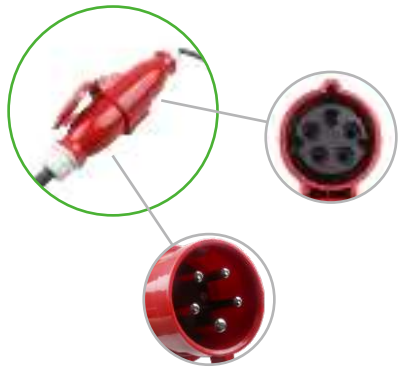

SABS(16A)


CEE(32A)


CEE(32A)

ST-E208
Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App



- 11 KW | 16A | Three Phase
- 22 KW | 32A | Three Phase

ST-E204
Portable EV Charging Station

Portable and convenient:
Charge your EV whenever and wherever

Easy use:
Plug & play, easy operation current adjust by simple press on button

- 11 KW | 16A | Three Phase
- 22 KW | 32A | Three Phase

Optional wall end plug

Support 3.5KW
CEE 32A (Three Phase) Socket to: (Optional)
1) Schuko 16A plug
2) Schuko 13A Plug
3) Australian AS/NZS 3112 10A Plug
4) South African SANS 16A plug

Support 7KW
CEE 32A (Three Phase) Socket to CEE 32A Single Phase Socket

Support 22KW
CEE 32A (Three Phase) Socket to OPEN
(OPEN terminal connected to air switch)

ST-E209
Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

ELECTRICAL PERFORMANCE

Item	AC EV Charger Station	
Product Model	ST-E209	
Rated Current	16A	32A
Rated Power	3.5KW/11KW	7KW/22KW
Operation Voltage	AC 250/480V	AC 250/480V
Contact Resistance	0.5MΩ Max	
Mechanical Life	No-Load Plug In / Pull Out >10000 Times	
Rated Frequency	50Hz/60Hz	
Leakage Protection	TDC 6mA (Optional)	
Shell Material	ABS+PC	
Status Indication	LCD Status Indicator	
Flame Retardant Grade	UL94 V-0	
Withstand Voltage	2000V	
Relative Humidity	5%-95%	
Operation Temperature	-30°C~ +55°C	
Storage Temperature	-40°C~ +70°C	
Waterproof Protection	IP55	
EV control Box Size	260mm (L) x 120mm (W) x 60mm (H)	
Weight	5.0KG	
Standard	IEC 62752, IEC 61851,IEC 62196-1, IEC 62196-2	
Certification	TUV, CE Approved	
Protection	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recovery)	

UK PLUG

UK intelligence adapter

- Designed with a recognition circuit inside
- Small, delicate and powerful
- Quick and easy
- Stuedy and durable
- Intelligent recognition Intelligent charging

- European standard - Domestic Plug
- Schuko 16A
- Current: Maximum 16 Amperes
- Voltage: 230 Volts
- Power: Maximum 3680 Watts
- Applicable Countries: Germany, France, Netherlands, Portugal, Austria, Belgium, Spain, Sweden, Norway, Denmark, Finland, Greece, Hungary, Poland, Slovakia.

- European standard - Domestic Plug
- Schuko 13A
- Current: Maximum 13 Amperes(typically)
- Voltage: 230 Volts
- Power: Maximum 2990 Watts
- Applicable Countries: Bermuda, Cayman Islands, Gibraltar, Federated States of Micronesia, British Virgin Islands, Falkland Islands, Cayman Islands, Falkland Islands, British Indian Ocean Territory, Saint Helena.

- European standard - Domestic Plug
- Australian AS/NZS 3112 Standard (10A)
- Current: Maximum 10 Amperes or 15 Amperes
- Voltage: 230 Volts
- Power: Maximum 2300 Watts or 3450 Watts
- Applicable Countries: Australia, New Zealand, China (Hong Kong and Macau), Vanuatu, Papua New Guinea, Solomon Islands, Samoa, Fiji.

- European standard - Domestic Plug
- South African Socket (SANS 16A)
- Current: Maximum 16 Amperes
- Voltage: 230 Volts
- Power: Maximum 3680 Watts
- Applicable Countries: South Africa, Eswatini, Botswana, Lesotho, Namibia, Zimbabwe.

- European standard - Domestic Plug
- CEE (32A-3P-7KW)
- CEE Blue Single-Phase 3PIN (CEE 7/4)
- Current: Supports 16A (3.5KW) 32A (7KW)
- Voltage: 230 Volts
- Power: Maximum 7KW

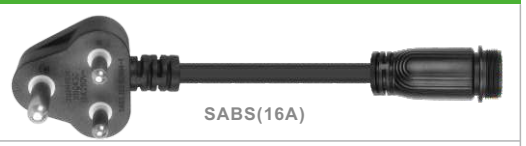
- European standard - Domestic Plug
- CEE (32A-5P-22KW)
- CEE Red Three-Phase Socket (CEE 7/5)
- Current: Supports 16A (11KW) 32A (22KW)
- Voltage: 450 Volts
- Power: Maximum 22KW

ST-E213
Smart Identification Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

Optional wall end plug


CEE Blue 32A


SABS(16A)


CEE Red 32A3P


AU-AZ(10A)


UK13A


Schuko(16A)

Specification

Voltage	220V -240V	
Rated Current	16A (8/10/13/16A Optional)	32A (8/10/13/16A/32A Optional)
Max Output Power	3.5KW / 11KW	7KW / 22KW
Frequency	50 / 60Hz	
Residual Current Protection	30mA as default 6mA is optional	
Contact Resistance	0.5mΩMax	
Max Terminal Temperature Rise	<50K	
Withstand Voltage	1500V	

Environmental Performance

Working Temperature	-30°C~+50°C
Working Humidity	5%-95% No. condensation
Protection Level (control box)	IP65
Altitude	≤2000m
Application Site	Indoor / Outdoor
Cooling Method	Natural Cooling

EV Charging Station / EV Wall Box (EU)

MAX: 22KW

IEC 62196

Protection Functions

- Leakage Protection
- Flame retardant
- Overvoltage protection
- Undervoltage protection
- Overcurrent protection
- Waterproof And Dustproof
- Lightning protection
- Short circuit protection
- Over Temperature protection

Equipped with comprehensive safety features to eliminate any charging risks, this device will automatically shut off once the vehicle is fully charged. This function helps protect the car battery and extends its overall lifespan.

Commercial Building

Parking

Rasidential Area

Environmental Performance

Rated Voltage	: AC220V - 480V
Frequency	: 50 / 60Hz

Safety

Working temperature	: -30°C~+50°C
Working humidity	: 5% ~ 95% without any condensation
Ingress Protection	: IP65
Impact Protection	: IK10
Altitude	: ≤2000m
Application Site	: Indoor / Outdoor
Electrical Protection	: Over current protection, Residual current protection, Ground protection, Surge protection, Over / Under voltage protection, Over / Under frequency protection, Over / Under temperature protection

ST-E308
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	32A	220V
11KW	16A	380V
22KW	32A	380V

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

Max. 22 kW AC platform to cater for diverse charging application requirements
Low standby power consumption for energy-saving
Compact design with robust enclosure for indoor and outdoor environment

ST-E306
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	32A	220V
11KW	16A	380V
22KW	32A	380V

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

ST-E303
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	32A	220V

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

Color Choices

White	Red	Black
Silver	Blue	Gray

Max. 7 kW AC platform to cater for diverse charging application requirements
Low standby power consumption for energy-saving
Compact design with robust enclosure for indoor and outdoor environment

Commercial Building
Parking
Rasidential Area

ST-E305
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	32A	220V
11KW	16A	380V
22KW	32A	380V

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

Color Choices

- Gold
- Silver

Without LCD Display
With LCD Display

ST-E300
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

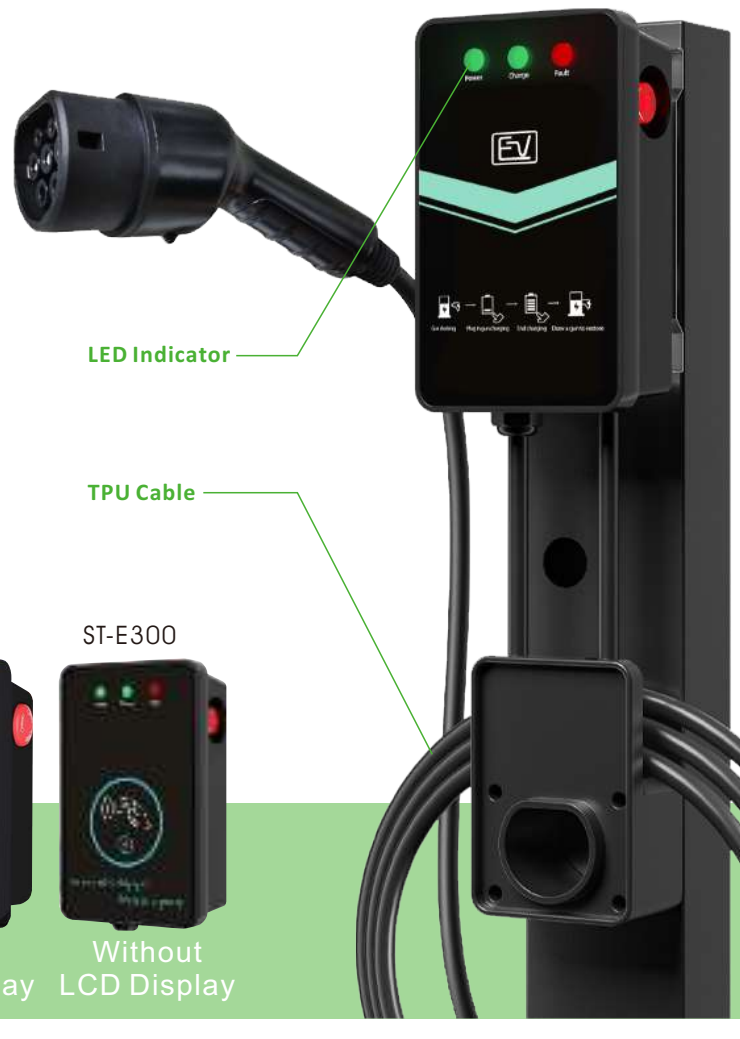
Charging Output

7KW	32A	220V

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

Type 2 Plug



ST-E301 With LCD Display

ST-E300 Without LCD Display

EV CHARGER ADAPTER (EU)

Type 2

ELECTRICAL CHARACTERISTICS

- Insulation Resistance: >100MΩ
- Product insertion force: 45N<F<80N
- Withstand voltage: 2000V
- Terminal temperature rise: <50K
- Mechanical life: No-load Plug>10000times

SAFETY

- Operating Temperature: -30°C~50°C
- Protection Class: IP54
- Conductor material: Copper alloy silver-plated
- Flame Retardant Grade: UL94V-0
- Main Market: Europe, Australia, Southeast Asia

ST-E050
Type 2 to Type 1 Adapter
Rated Current: 32A
Rated Voltage: 250V 50~60HZ
Application: Used for American Standard interface cars in European standard countries

ST-E051
Type 2 Male to Type 2 Female
Rated Current: 32A
Rated Voltage: 250V 50~60HZ
Application: Used for European Standard interface cars in European standard countries

ST-E052-1P
Type 2 to GB/T Single-phase 7.5KW
Rated Current: 32A
Rated Voltage: 250V 50~60HZ
Application: Used for GB/T interface cars in European standard countries

ST-E052-3P
Type 2 to GB/T Three-phase 22KW
Rated Current: 32A
Rated Voltage: 220-480V 50~60HZ
Application: Used for GB/T interface cars in European standard countries

ST-E053
Type 2 to GB/T Three-phase With Lock 22KW
Rated Current: 32A
Rated Voltage: 220-480V 50~60HZ
Application: Used for GB/T interface cars in European standard countries

ST-E054
CCS2 TO Tesla DC Fast Charging
Rated Current: 150-400A
Rated Voltage: 500-1000V 50~60HZ
Max Power: 250KW
Application: Used for Tesla interface cars in European standard countries

ST-E056-3P
Type 2 to GB/T Three-phase 22KW
Rated Current: 32A
Rated Voltage: 220-480V 50~60HZ
Application: Used for European standard interface cars in GB/T standard countries

ST-E056-1P
Type 2 to GB/T Single-phase 7.5KW
Rated Current: 32A
Rated Voltage: 220-240V 50~60HZ
Application: Used for European standard interface cars in GB/T standard countries

ST-E058
Tesla To Type 2 Adapter
Rated Current: 32A
Rated Voltage: 220-240V 50~60HZ
Application: Used for European standard interface cars in American standard countries

ST-E059
Type 2 To Type 1 Adapter
Rated Current: 32A
Rated Voltage: 110-250V 50~60HZ
Application: Used for American standard interface cars in European standard countries

ST-E062
Type 2 To Tesla Adapter
Rated current: 32A
Rated voltage: 110-250V 50~60HZ
Application: Used for Tesla interface cars in European standard countries

ST-E008
Tesla To Type 1 Adapter
Rated Current: 80A
Rated Voltage: 110-240V 50~60HZ
Application: Used for American standard interface cars in European standard countries

ST-E009
Tesla To Type 1 With Lock Adapter
Rated current: 80A
Rated voltage: 110-240V 50~60HZ
Application: Used for American standard interface cars in European standard countries

ST-E001
Type 1 To Tesla Adapter
Rated Current: 80A
Rated Voltage: 110-240V 50~60HZ
Application: Used for Tesla interface cars in American standard countries

ST-E004
Type 1 To GB/T Adapter
Rated Current: 32A
Rated Voltage: 110-240V 50~60HZ
Application: Used for European standard interface cars in European standard countries

ST-E005
Type 1 To Type 2 Adapter
Rated Current: 32A
Rated Voltage: 110-240V 50~60HZ
Application: Used for European standard interface cars in American standard countries

ST-E006
Type 1 To GB/T With Lock Adapter
Rated Current: 32A
Rated Voltage: 110-240V 50~60HZ
Application: Used for GB/T interface cars in European standard countries

ST-E007
CCS1 TO Tesla DC Fast charging
Rated Current: 150-400A
Rated Voltage: 500-1000V 50~60HZ
Max Power:250KW
Application: Used for Tesla interface cars in American standard countries

ELECTRICAL CHARACTERISTICS

- Insulation Resistance: >100MΩ
- Product insertion force: 45N<F<80N
- Withstand voltage: 2000V
- Terminal temperature rise: <50K
- Mechanical life: No-load Plug>10000times

SAFETY

- Operating Temperature: -30°C~50°C
- Protection Class: IP54
- Conductor material: Copper alloy silver-plated
- Flame Retardant Grade: UL94V-0
- Main Market: American, Canada, Korea, Mexico

Portable EV Charging Station(US)

MAX: 40A

J1772

Protection Functions

- Leakage Protection
- Flame retardant
- Overvoltage protection
- Undervoltage protection
- Overcurrent protection
- Waterproof And Dustproof
- Lightning protection
- Short circuit protection
- Over Temperature protection

Equipped with comprehensive safety features to eliminate any charging risks, this device will automatically shut off once the vehicle is fully charged. This function helps protect the car battery and extends its overall lifespan.

Specification

Voltage	: 110V -240V
Frequency	: 50 / 60Hz
Residual current protection	: 30mA as default 6mA is optional
Contact Resistance	: 0.5mΩ Max
Max Terminal temperature rise	: <50K
Withstand voltage	: 1500V

Environmental Performance

Working temperature	: -30°C~+50°C
Working humidity	: 5%-95% No. condensation
Protection Level (control box)	: IP65
Altitude	: ≤2000m
Application Site	: Indoor / Outdoor
Cooling Method	: Natural cooling
Mechanical life	: No-load plug in/out > 1000 times
Coupled insertion force	: 45N<F<100N
Impact of external force	: Can afford 1M drop

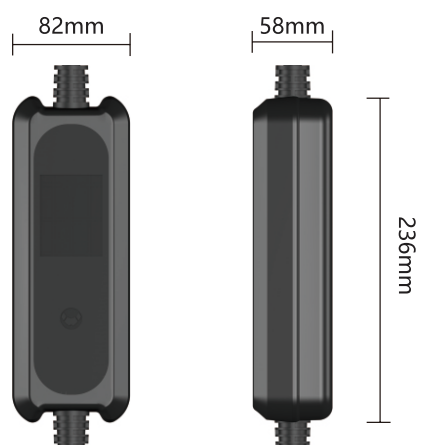
ST-E108 Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

- 15A
- 30A
- 40A

Optional wall end plug

Appearance and size of charging box

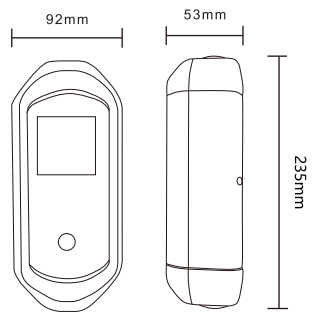


ST-E103
Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

- 15A
- 30A
- 40A

J1772



- 15A
- 30A
- 40A

ST-E101

Optional wall end plug

ST-E105
Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

J1772

- 15A
- 30A
- 40A
- 50A

ST-E104

Optional wall end plug

ST-E105
Smart Identification Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

J1772

- 15A
- 30A
- 40A
- 50A

ELECTRICAL PERFORMANCE

Item	AC EV Charger Station			
Product Model	ST-E105			
Rated Current	15A	30A	40KW	50KW
Rated Power	1.7KW	7KW	9.6KW	11.5KW
Operation Voltage	AC 110V(level 1)	AC 240V(level 2)		
Contact Resistance	0.5MΩ Max			
Mechanical Life	No-Load Plug In / Pull Out >10000 Times			
Rated Frequency	50Hz/60Hz			
Leakage Protection	TDC 6mA (Optional)			
Shell Material	ABS+PC			
Status Indication	LCD Status Indicator			
Flame Retardant Grade	UL94 V-0			
Withstand Voltage	2000V			
Relative Humidity	5%-95%			
Operation Temperature	-30°C~+55°C			
Storage Temperature	-40°C~+70°C			
Waterproof Protection	IP55			
EV control Box Size	260mm (L) x 120mm (W) x 60mm (H)			
Weight	6.0KG			
Standard	UL 2594 3rd Ed, UL 2231-1-2021, UL 2231-2-2020, UL 1998 3rd, UL 991-3rd Ed , SAE J1772			
Certification	ETL, FCC Approved			
Protection	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recovery)			

ST-E106
Smart Identification Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App

NACS

- 15A
- 30A
- 40A
- 50A

ELECTRICAL PERFORMANCE

Item	AC EV Charger Station			
Product Model	ST-E106			
Rated Current	15A	30A	40KW	50KW
Rated Power	1.7KW	7KW	9.6KW	11.5KW
Operation Voltage	AC 110V(level 1)	AC 240V(level 2)		
Contact Resistance	0.5MΩ Max			
Mechanical Life	No-Load Plug In / Pull Out >10000 Times			
Rated Frequency	50Hz/60Hz			
Leakage Protection	TDC 6mA (Optional)			
Shell Material	ABS+PC			
Status Indication	LCD Status Indicator			
Flame Retardant Grade	UL94 V-0			
Withstand Voltage	2000V			
Relative Humidity	5%-95%			
Operation Temperature	-30°C~+55°C			
Storage Temperature	-40°C~+70°C			
Waterproof Protection	IP55			
EV control Box Size	260mm (L) x 120mm (W) x 60mm (H)			
Weight	6.0KG			
Standard	UL 2594 3rd Ed, UL 2231-1-2021, UL 2231-2-2020, UL 1998 3rd, UL 991-3rd Ed , SAE J1772			
Certification	ETL, FCC Approved			
Protection	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recovery)			

EV Charger Accessories

SAFE FAST CHARGING

Over-voltage protection

Male(NACS)

SOLD SEPERATELY

Additional NEMA Adapters(designed with a recognition circuit inside).

- NEMA 5-15P
- Current: Maximum 15 Amperes
- Voltage: 120 Volts
- Power: Maximum 1800 Watts

- NEMA 14-50P
- Current: Maximum 50 Amperes
- Voltage: 240 Volts
- Power: Maximum 12000 Watts

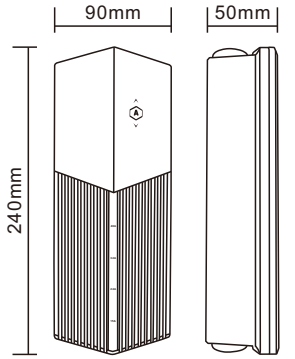
- NEMA 6-30P
- Current: Maximum 30 Amperes
- Voltage: 240 Volts
- Power: Maximum 7200 Watts

- NEMA 6-50P
- Current: Maximum 50 Amperes
- Voltage: 240 Volts
- Power: Maximum 12000 Watts

- NEMA 14-30P
- Current: Maximum 30 Amperes
- Voltage: 240 Volts
- Power: Maximum 7200 Watts

ST-E110
Smart Identification Portable EV Charging Station

Two Options
1.Play & Plug
2.Wifi + Bluetooth + App



Optional wall end plug

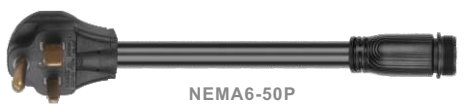
NEMA 5-15P

NEMA14-30P

NEMA 6-20P

NEMA14-50P

NEMA 6-30P



NEMA6-50P

Specification

Voltage	220V -240V	
Rated Current	15A (8/10/13/15A)	30/40/48A
Max Output Power	1.8KW	11.5KW
Frequency	50 / 60Hz	
Residual Current Protection	30mA as default 6mA is optional	
Contact Resistance	0.5mΩMax	
Max Terminal Temperature Rise	<50K	
Withstand Voltage	1500V	

Environmental Performance

Working Temperature	-30°C~+50°C
Working Humidity	5%-95% No. condensation
Protection Level (control box)	IP65
Altitude	≤2000m
Application Site	Indoor / Outdoor
Cooling Method	Natural Cooling

EV Charging Station / EV Wall Box (US)

MAX: 50A

J1772

Protection Functions

- Leakage Protection
- Flame retardant
- Overvoltage protection
- Undervoltage protection
- Overcurrent protection
- Waterproof And Dustproof
- Lightning protection
- Short circuit protection
- Over Temperature protection

Equipped with comprehensive safety features to eliminate any charging risks, this device will automatically shut off once the vehicle is fully charged. This function helps protect the car battery and extends its overall lifespan.

Commercial Building

Parking

Rasidential Area

Environmental Performance	
Rated Voltage	: AC110V - 240V
Frequency	: 50 / 60Hz
Safety	
Working temperature	: -30°C~+50°C
Working humidity	: 5% ~ 95% without any condensation
Ingress Protection	: IP65
Impact Protection	: IK10
Altitude	: ≤2000m
Application Site	: Indoor / Outdoor
Electrical Protection	: Over current protection, Residual current protection, Ground protection, Surge protection, Over / Under voltage protection, Over / Under frequency protection, Over / Under temperature protection

ST-E155
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

NACS

Charging Output

7KW	30A
9.6KW	40A
11.5KW	48A

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

ST-E154
EV Charging Station / EV Wall Box

J1772

Charging Output

7KW	32A
9.6KW	40A
11.5KW	48A

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

COLOR

ST-E157
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	30A
9.6KW	40A
11.5KW	48A

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

Color:

ST-E153
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	30A
9.6KW	40A
11.5KW	48A

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

Color Choices

White	Red	Black
Silver	Blue	Gray

Commercial Building

Parking

Rasidential Area

ST-E156
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	30A
9.6KW	40A
11.5KW	48A

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

Color Choices

- Gold
- Silver

J1772

Without LCD Display

With LCD Display

ST-E151
EV Charging Station / EV Wall Box

Plug & Play

Below Function is optional
- RFID Card
- WIFI + Blue tooth + App
- OCPP

Charging Output

7KW	30A
9.6KW	40A
11.5KW	48A

Network Connectivity

- Bluetooth
- Ethernet
- WLAN
- Cellular

J1772

ST-E152

With LCD Display

ST-E151

Without LCD Display

Discharge

ST-E102 Type 1/J1772 EV Discharge Cable (US Standard)

PRODUCT FEATURES

- Current: 16A
- Voltage: 110V~120V
- Power: 1.6KW
- Weight: About 1KG
- Length: 0.5M or Negotiation
- Input Frequency: 50Hz/60Hz
- Working Humidity: 5%~95% non condensing
- Operating Temperature: -30°C ~ +50°C
- Fire Rating: UL94V-0
- Certificate: CE, RoHS, FCC
- Standard: SAE J1772

ST-E205 Type 2 EV Discharge Cable (European Standard)

PRODUCT FEATURES

- Rated Current: 16A
- Rated Voltage: 220V
- Length: 0.5M
- Product Volume: 80cm*8cm*8cm
- Weight: About 1KG
- Input Frequency: 50Hz/60Hz
- Working Humidity: 5%~95% non condensing
- Operating Temperature: -30°C ~ +50°C
- Working Humidity: <2000M
- Cooling Method: Natural cooling
- Fire Rating: UL94V-0
- Certificate: CE, RoHS
- Standard: IEC 62196-2

Accessories

Wire

Rated current	Cable specification	Diameter	Colour	Remarks
16A/1 phase	3*2.5mm²+1*0.5mm²	TPUø10.5mm, TPEø13mm	Black	Accept custom made
16A/3 phase	5*2.5mm²+1*0.5mm²	TPUø13mm, TPEø16.3mm		
32A/1 phase	3*6mm²+1*0.5mm²	TPUø13mm, TPEø16.3mm		
32A/3 phase	5*6mm²+1*0.5mm²	TPUø16.5mm, TPEø18mm		

Plug

Configuration Code	A	B	C	D	E	F	G
Configuration Diagram							
Type of power Supply	China U.S.A Japan Conda	U.S.A Japan Conda	Europe Korea	Europe Korea	Europe Korea	Denmark	Switzerland Brazil
Configuration Code	H	I	J	K	L	M	
Configuration Diagram							
Type of power Supply	Britain HongKong Singapore	S. Africa India	Italy	Australia Argentina	China Australia	Israel	

Plug pin

Control board

ENERGY STORAGE CONNECTOR

ST-N001

1.Carrying Current: 120A
2.Rated Voltage: 1000V
3.Wire Gauge: 25mm²
4.Operating Temperature: -40°C~105°C
5.Contact Material: Tinned copper
6.Application: New energy
7.Insulator Material: Silicone wire
8.Fire Rating: UL94V-0
9.Certificate: CE, ROHS, FCC

ST-N002

1.Carrying Current: 200A
2.Rated Voltage: 1000V
3.Wire Gauge: 50mm²
4.Operating Temperature: -40°C~105°C
5.Contact Material: Tinned copper
6.Application: New energy
7.Insulator Material: Silicone wire
8.Fire Rating: UL94V-0
9.Certificate: CE, ROHS, FCC

ST-N003

1.Carrying Current: 120A
2.Rated Voltage: 1000V
3.Wire Gauge: 25mm²
4.Operating Temperature: -40°C~105°C
5.Contact Material: Tinned copper
6.Application: New energy
7.Insulator Material: Silicone wire
8.Fire Rating: UL94V-0
9.Certificate: CE, ROHS, FCC

ST-N004

1.Carrying Current: 200A
2.Rated Voltage: 1000V
3.Wire Gauge: 50mm²
4.Operating Temperature: -40°C~105°C
5.Contact Material: Tinned copper
6.Application: New energy
7.Insulator Material: Silicone wire
8.Fire Rating: UL94V-0
9.Certificate: CE, ROHS, FCC

ST-N101

1.Carrying Current: 120A
2.Rated Voltage: 1000V
3.Wire Gauge: 25mm²
4.Operating Temperature: -40°C~105°C
5.Contact Material: Tinned copper
6.Application: New energy
7.Insulator Material: Silicone wire
8.Fire Rating: UL94V-0
9.Certificate: CE, ROHS, FCC

ST-N102

1.Carrying Current: 200A
2.Rated Voltage: 1000V
3.Wire Gauge: 50mm²
4.Operating Temperature: -40°C~105°C
5.Contact Material: Tinned copper
6.Application: New energy
7.Insulator Material: Silicone wire
8.Fire Rating: UL94V-0
9.Certificate: CE, ROHS, FCC

Energy Storage Harness

| High conductivity
| Low resistance
| Low loss