

Yangzhou Teison New Energy Co.,LTD
www.evs-cn.com

ELECTRIC VEHICLE CHARGERS

Smart EV Chargers on the market

Faster Charging
Tough material
Waterproof



32A





■ **Company Vision**
To be the most respected new energy enterprise

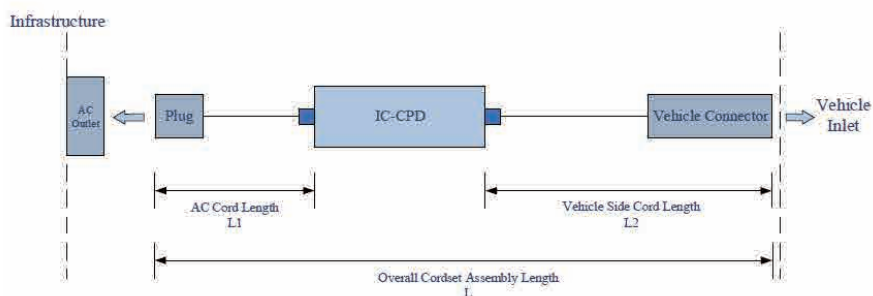
■ **Company Mission**
Promote the development of green energy , improve life quality

■ **Company Values**
Integrity, cooperation, innovation

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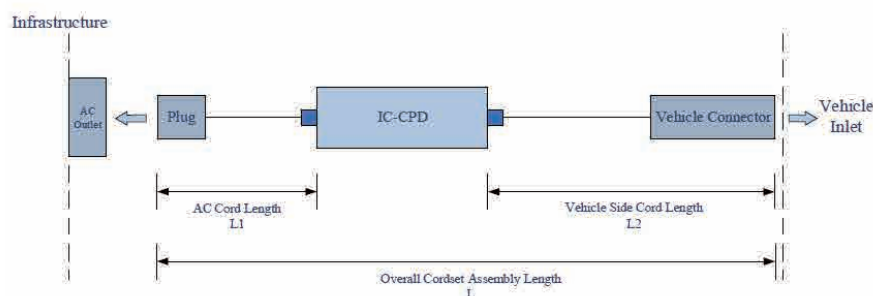
MODE 2 PORTABLE EV CHARGER(ADJUSTABLE 6A-16A)



Mode 2 Charge Cable for Europe&USA Interface Block Diagram

Product Model	TS-PEC-001
Install	Portable, Plug and Play
Standard	SAE J1772 , IEC 62752 , EN 62196-2 , IEC 61851-1
Rated Voltage	120V/250V
Rated Frequency	50Hz/60Hz
Adjustable Current	6A min.- 16A max.
Rated Power	3.8KW
Charging Cable Length	5m or Customization
Operating Temperature	-30℃ to +65℃
Storage Temperature	-40℃ to +80℃
Protection Class	IP65
Control Box Size	170*70*38mm
Weight	1.8KG
Protection	1.Short circuit protection 2.Leakage current protection 3.Over voltage and under voltage protection 4.Over and under frequency protection 5.Over current protection 6.Over temperature protection 7.Ground protection 8.Lightning protection

MODE 2 PORTABLE EV CHARGER(ADJUSTABLE 8A-32A)

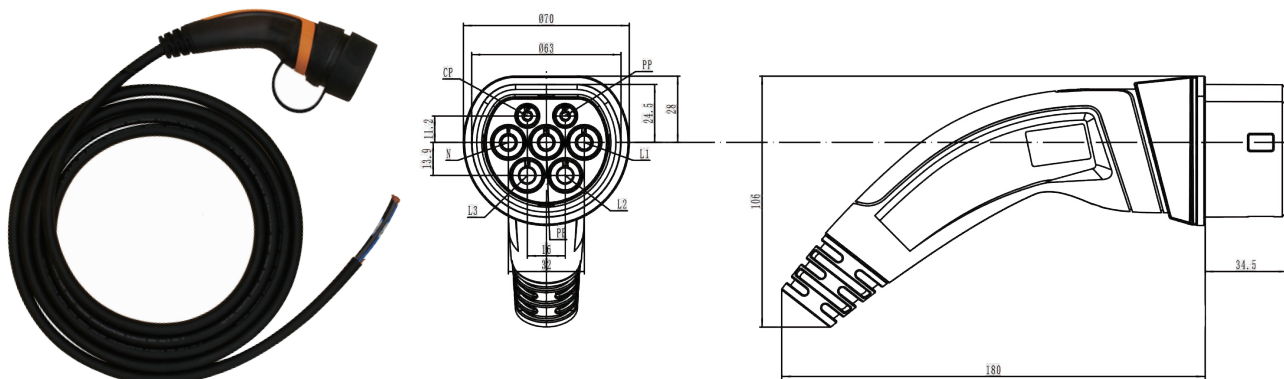


Mode 2 Charge Cable for Europe&USA Interface Block Diagram

Product Model	TS-PEC-002
Install	Portable, Plug and Play
Standard	SAE J1772 , IEC 62752 , EN 62196-2 , IEC 61851-1
Rated Voltage	120V/250V
Rated Frequency	50Hz/60Hz
Adjustable Current	8A/10A/13A/16A/20A/32A
Rated Power	7.4KW
Charging Cable Length	5m or Customization
Operating Temperature	-30℃ to +65℃
Storage Temperature	-40℃ to +80℃
Protection Class	IP67
Control Box Size	255*109*55mm
Weight	3.4KG
Protection	1.Short circuit protection 2.Leakage current protection 3.Over voltage and under voltage protection 4.Over and under frequency protection 5.Over current protection 6.Over temperature protection 7.Ground protection 8.Lightning protection

TYPE 2 PLUG WITH CABLE

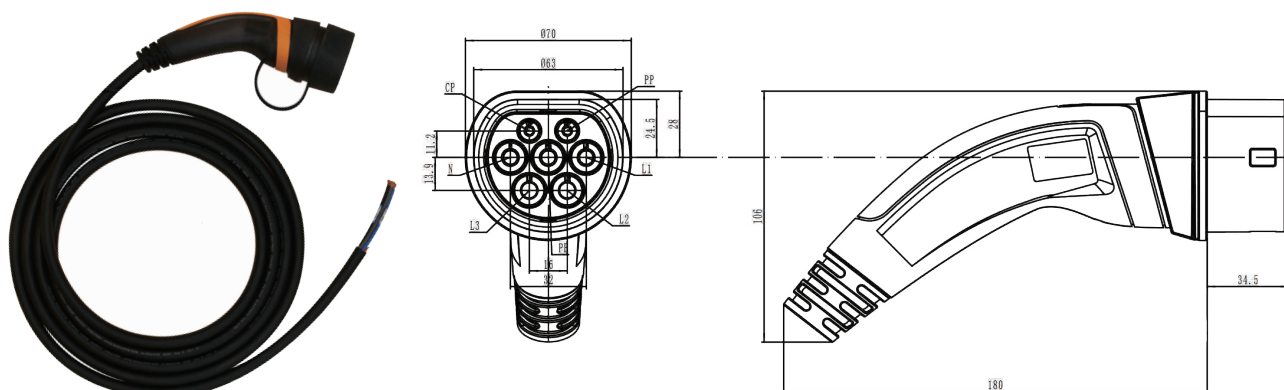
(16A SINGLE PHASE / 16A THREE PHASE)



Product Type	TYPE2 16A Single phase with cable	TYPE2 16A Three phase with cable
Product Model	TS-P002-16A	TS-P002-16A-3P
Standard	EN 62196-2: 2017	
Rated Voltage	AC 250V	AC 480V
Rated Current	16A 1 phase	16A 3-phase
Shell Material	ThermoPlastic (Insulator inflammability UL94 V-0)	
Contact Pin	Copper alloy, silver +ThermoPlastic on the top	
Sealing gasket	Silicon rubber	
Insulation resistance	> 1000M Ω	
Withstand voltage	2000V	
Terminal temperature rise	<50K	
Charging Cable Length	5m or Customization	
Operating Temperature	-30 °C to +65 °C	
Storage Temperature	-40 °C to +70°C	
Protection Class	IP55	
Contact Resistance	0.5mΩ MAX	
Cable Material	TPU	
Product Model	Rated current	Cable Specification
TS-P002-16A	16A/Single Phase	3*2.5mm ² +2*0.5mm ²
TS-P002-16A-3P	16A/Three Phase	5*2.5mm ² +2*0.5mm ²

TYPE 2 PLUG WITH CABLE

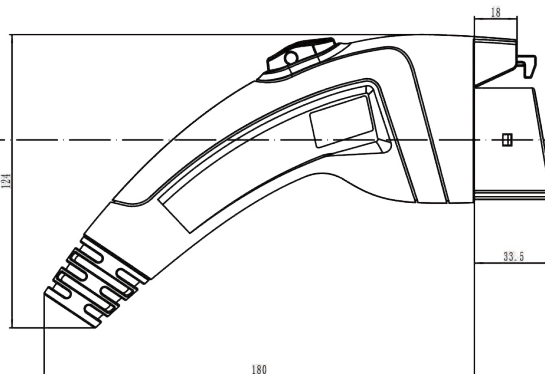
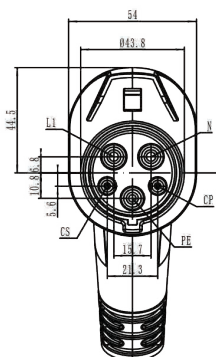
(32A SINGLE PHASE / 32A THREE PHASE)



Product Type	TYPE2 32A Single phase with cable	TYPE2 32A Three phase with cable
Product Model	TS-P002-32A	TS-P002-32A-3P
Standard	EN 62196-2: 2017	
Rated Voltage	AC 250V	AC 480V
Rated Current	32A 1 phase	32A 3-phase
Shell Material	ThermoPlastic (Insulator inflammability UL94 V-0)	
Contact Pin	Copper alloy, silver +ThermoPlastic on the top	
Sealing Gasket	Silicon rubber	
Insulation Resistance	> 1000M Ω	
Withstand Voltage	2000V	
Terminal Temperature Rise	<50K	
Charging Cable Length	5m or Customization	
Operating Temperature	-30 °C to +65 °C	
Storage Temperature	-40 °C to +70°C	
Protection Class	IP55	
Contact Resistance	0.5mΩ MAX	
Cable Material	TPU	
Product Model	Rated current	Cable Specification
TS-P002-32A	32A/Single Phase	3*6mm ² +2*0.5mm ²
TS-P002-32A-3P	32A/Three Phase	5*6mm ² +2*0.5mm ²

TYPE 1 PLUG WITH CABLE

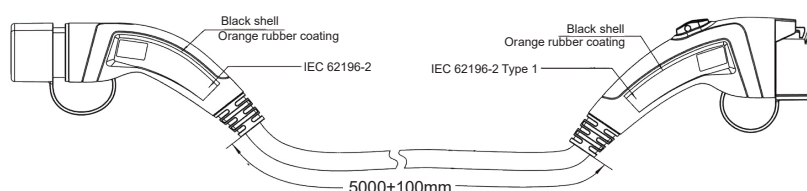
(16A SINGLE PHASE / 32A SINGLE PHASE)



Product Type	TYPE1 16A with cable	TYPE1 32A with cable
Product Model	TS-P001-16A	TS-P001-32A
Standard	SAE J1772	
Rated Voltage	AC 120V/250V	
Rated Current	16A	32A
Shell Material	ThermoPlastic (Insulator inflammability UL94 V-0)	
Contact Pin	Copper alloy, silver +ThermoPlastic on the top	
Sealing Gasket	Silicon rubber	
Insulation Resistance	> 1000M Ω	
Withstand Voltage	2000V	
Terminal Temperature Rise	<50K	
Charging Cable Length	5m or Customization	
Operating Temperature	-30 °C to +65 °C	
Storage Temperature	-40 °C to +70°C	
Protection Class	IP55	
Contact Resistance	0.5mΩ MAX	
Cable Material	TPU	
Product Model	Rated current	Cable Specification
TS-P001-16A	16A/Single Phase	3*2.5mm ² +2*0.5mm ²
TS-P001-32A	32A/Single Phase	3*6mm ² +2*0.5mm ²

MODE 3 EV CHARGING CABLE

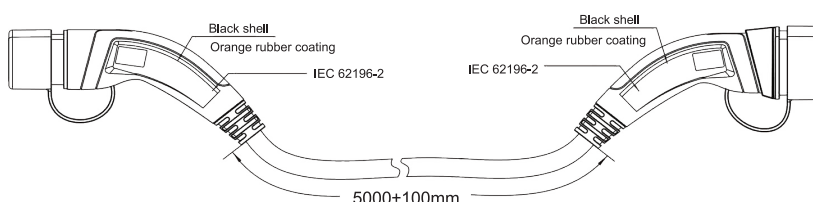
(TYPE1 to TYPE2)



Product Type	TYPE1 to TYPE2	
Product Model	TS-P012-16A	TS-P012-32A
Standard	EN 62196-2 : 2017 / SAE J1772	
Rated Voltage	AC 250V	
Rated Current	16A	32A
Shell Material	ThermoPlastic (Insulator inflammability UL94 V-0)	
Contact Pin	Copper alloy, silver +ThermoPlastic on the top	
Sealing Gasket	Silicon rubber	
Insulation Resistance	> 1000M Ω	
Withstand Voltage	2000V	
Terminal Temperature Rise	<50K	
Charging Cable Length	5m or Customization	
Operating Temperature	-30 °C to +65 °C	
Storage Temperature	-40 °C to +70°C	
Protection Class	IP55	
Contact Resistance	0.5mΩ MAX	
Protection	Reliability of materials,antiflaming , pressure-resistant, abrasion resistance,impact resistance	
Cable Material	TPU	
Product Model	Rated current	Cable Specification
TS-P012-16A	16A/Single Phase	3*2.5mm ² +2*0.5mm ²
TS-P012-32A	32A/Single Phase	3*6mm ² +2*0.5mm ²

MODE 3 EV CHARGING CABLE

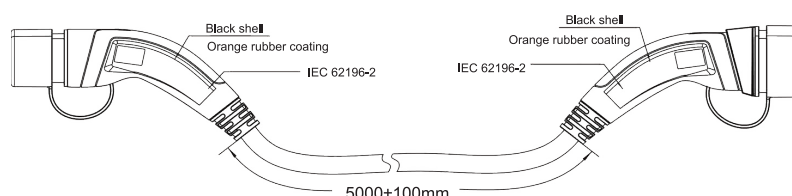
(TYPE2 to TYPE2 16A)



Product Type	TYPE2 to TYPE2	
Product Model	TS-P022-16A	TS-P022-16A-3P
Standard	EN 62196-2 : 2017	
Rated Voltage	AC 250V	AC 480V
Rated Current	16A 1Phase	16A 3-Phase
Shell Material	ThermoPlastic (Insulator inflammability UL94 V-0)	
Contact Pin	Copper alloy, silver +ThermoPlastic on the top	
Sealing Gasket	Silicon rubber	
Insulation Resistance	> 1000M Ω	
Withstand Voltage	2000V	
Terminal Temperature Rise	<50K	
Charging Cable Length	5m or Customization	
Operating Temperature	-30 °C to +65 °C	
Storage Temperature	-40 °C to +70°C	
Protection Class	IP55	
Contact Resistance	0.5mΩ MAX	
Protection	Reliability of materials,antiflaming , pressure-resistant, abrasion resistance,impact resistance	
Cable Material	TPU	
Product Model	Rated current	Cable Specification
TS-P022-16A	16A/Single Phase	3*2.5mm ² +2*0.5mm ²
TS-P022-16A-3P	16A/Three Phase	5*2.5mm ² +2*0.5mm ²

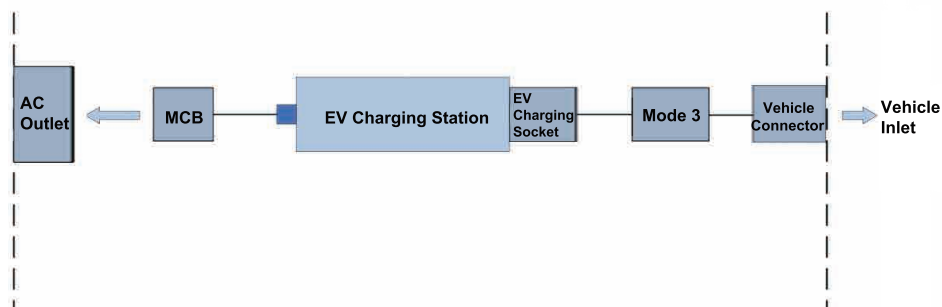
MODE 3 EV CHARGING CABLE

(TYPE2 to TYPE2 32A)



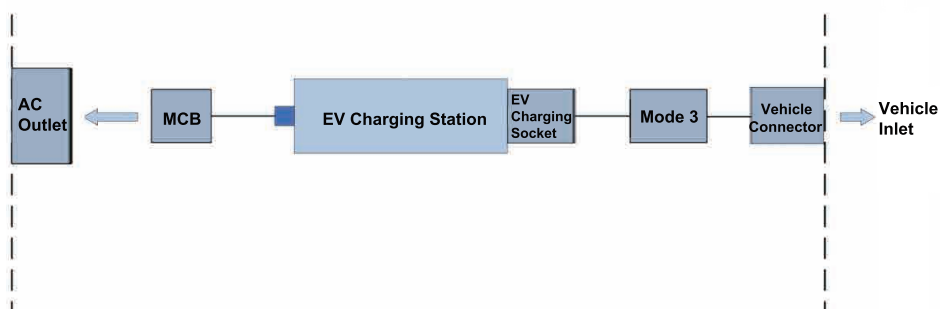
Product Type	TYPE2 to TYPE2	
Product Model	TS-P022-32A	TS-P022-32A-3P
Standard	EN 62196-2 : 2017	
Rated Voltage	AC 250V	AC 480V
Rated Current	32A 1Phase	32A 3-Phase
Shell Material	ThermoPlastic (Insulator inflammability UL94 V-0)	
Contact Pin	Copper alloy, silver +ThermoPlastic on the top	
Sealing Gasket	Silicon rubber	
Insulation Resistance	> 1000M Ω	
Withstand Voltage	2000V	
Terminal Temperature Rise	<50K	
Charging Cable Length	5m or Customization	
Operating Temperature	-30 °C to +65 °C	
Storage Temperature	-40 °C to +70°C	
Protection Class	IP55	
Contact Resistance	0.5mΩ MAX	
Protection	Reliability of materials,antiflaming , pressure-resistant, abrasion resistance,impact resistance	
Cable Material	TPU	
Product Model	Rated current	Cable Specification
TS-P022-32A	32A/Single Phase	3*6mm ² +2*0.5mm ²
TS-P022-32A-3P	32A/Three Phase	5*6mm ² +2*0.5mm ²

EV CHARGING STATION WITH SOCKET



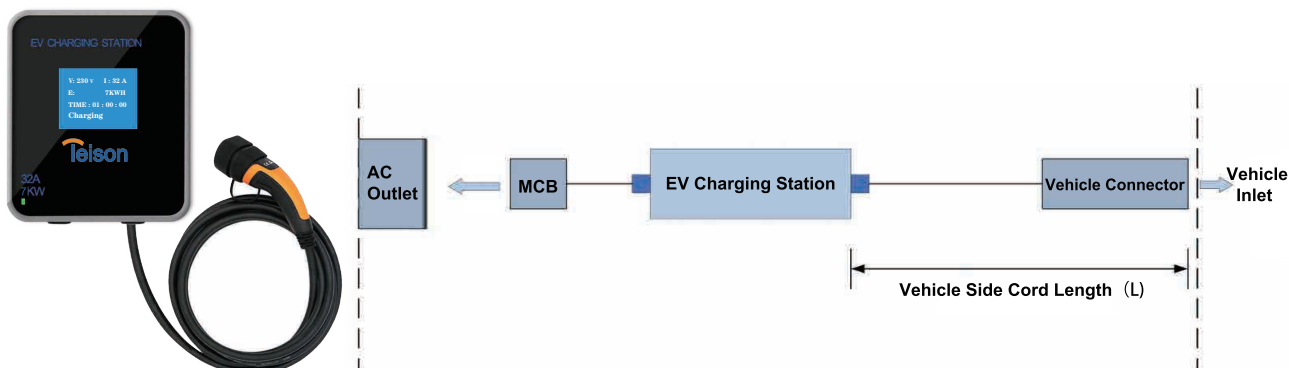
Product Name			7KW EV Charging Station
Product Item No.			TS-EVC07-001S
Power Input	Input Voltage	230V±20%	
Power Output	Phase	1 phase	
	Output Voltage	230V±20%	
	Output Current	32A	
	Total Power	7.4KW	
Protection	Protection	Short circuit protection, Leakage current protection, Over voltage and under voltage protection, Over current protection, Over temperature protection, Ground protection, Lightning protection	
Control	Charging Interface	Type2	
Environmental	Operating Temperature	-30 °C to +60 °C	
	Storage Temperature	-40 °C to +80 °C	
	Humidity	5%-95% without condensation	
	Altitude	≤2000m	
Mechanical	Protection Class	IP65	
	Weight	3.51 / 2.71kgs	
	Socket	Type 2	
	Housing Material	Galvanized steel or Aluminium Alloy	
	Dimension(WxHxD)	320*200*95mm	
Regulation	Certificate/Compliance	IEC 61851-1: 2017, EN 62196-2: 2017	

EV CHARGING STATION WITH SOCKET



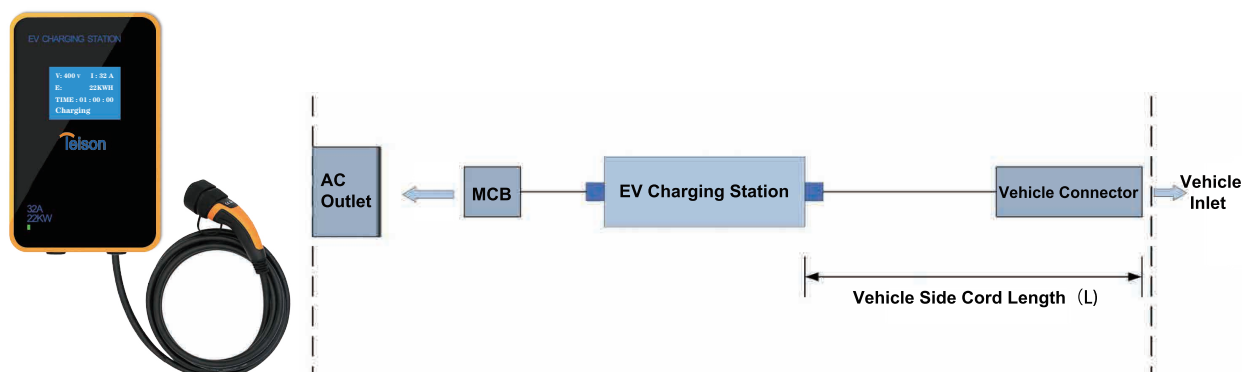
Product Name			22KW EV Charging Station
Product Item No.			TS-EVC22-001S
Power Input	Input Voltage	400V±20%	
Power Output	Phase	3-phase	
	Output Voltage	400V±20%	
	Output Current	32A	
	Total Power	22KW	
Protection	Protection	Short circuit protection, Leakage current protection, Over voltage and under voltage protection, Over current protection, Over temperature protection, Ground protection, Lightning protection	
Control	Charging Interface	Type2	
Environmental	Operating Temperature	-30 °C to +60 °C	
	Storage Temperature	-40 °C to +80 °C	
	Humidity	5%-95% without condensation	
	Altitude	≤2000m	
Mechanical	Protection Class	IP65	
	Weight	3.85 / 2.75kgs	
	Socket	Type 2	
	Housing Material	Galvanized steel or Aluminium Alloy	
	Dimension(WxHxD)	320*200*95mm	
Regulation	Certificate/Compliance	IEC 61851-1: 2017, EN 62196-2: 2017	

EV CHARGING STATION WITH TETHERED CABLES



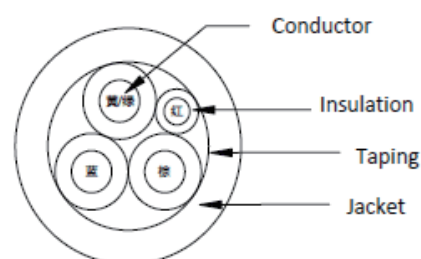
Product Name		7KW EV Charging Station
Product Item No.		TS-EVC07-001
Power Input	Input Voltage	230V±20%
Power Output	Phase	1 phase
	Output Voltage	230V±20%
	Output Current	32A
	Total Power	7.4KW
Protection	Protection	Short circuit protection, Leakage current protection, Over voltage and under voltage protection, Over current protection, Over temperature protection, Ground protection, Lightning protection
Control	Charging Interface	Type2 / Type 1
Environmental	Operating Temperature	-30 °C to +60 °C
	Storage Temperature	-40 °C to +80 °C
	Humidity	5%-95% without condensation
	Altitude	≤2000m
Mechanical	Protection Class	IP65
	Weight	4.46 / 3.36kgs
	Housing Material	Galvanized steel or Aluminum Alloy
	Dimension(WxHxD)	200*200*81mm
Regulation	Certificate/Compliance	IEC 61851-1: 2017, EN 62196-2: 2017
Cable	Length	5m
	Cable Specification	3*6mm ² +2*0.5mm ²

EV CHARGING STATION WITH TETHERED CABLES



Product Name		22KW EV Charging Station
Product Item No.		TS-EVC22-001
Power Input	Input Voltage	400V±20%
Power Output	Phase	3-phase
	Output Voltage	400V±20%
	Output Current	32A
	Total Power	22KW
Protection	Protection	Short circuit protection, Leakage current protection, Over voltage and under voltage protection, Over current protection, Over temperature protection, Ground protection, Lightning protection
Control	Charging Interface	Type2 / Type 1
Environmental	Operating Temperature	-30 °C to +60 °C
	Storage Temperature	-40 °C to +80 °C
	Humidity	5%-95% without condensation
	Altitude	≤2000m
Mechanical	Protection Class	IP65
	Weight	6.47 / 5.37kgs
	Housing Material	Galvanized steel or Aluminum Alloy
	Dimension(WxHxD)	320*200*95mm
Regulation	Certificate/Compliance	IEC 61851-1: 2017, EN 62196-2: 2017
Cable	Length	5m
	Cable Specification	5*6mm ² +2*0.5mm ²

CABLE



Product Type	High flexible wear-resisting charging pile cable
Product Model	TS-EC001
Standard	EN 50620: 2017
Rated Voltage	220V~1000V
Product Certification	TUV
Insulating Material	PVC,TPE,XLPE
Jacket Material	PVC,TPE,XLPE,TPU
Bending Property	±90°, > 20000 Times
Withstand Voltage	6.0kv/5Min
Operating Temperature	-35 ℃ to +90 ℃
Storage Temperature	-40 ℃ to +100℃
Feature	The internal structure of the cable can be independently designed according to the function

SOCKET & HOLSTER

IEC AC CHARGING SOCKET FOR VEHICLE



IEC AC CHARGING SOCKET FOR PILE



SAE AC CHARGING SOCKET



IEC AC CHARGING SOCKET WITH ELECTROMAGNETIC LOCK



SAE AC PLUG DUMMY SOCKET



IEC AC PLUG DUMMY SOCKET



APPLICATION REFERENCE



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