

# PROFESSIONAL CUSTOMIZATION QUALITY ASSURANCE

Providing the Best Solutions for Your EV Charging Needs

# LOW MINIMUM ORDERS HIGH FLEXIBILITY

Helping You Reduce Costs and Increase Operational Efficiency

# EV CHARGING CABLE CATALOG

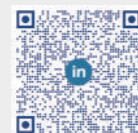


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SPVOLT EV CHARGING CABLE CO., LTD



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# ABOUT US

Spvoltage a factory located in Southern China, specializing in the production of electric vehicle charging connectors and cables. We support custom orders with a minimum quantity of 10 units and use a professional cloud platform for order management.

Over the past 8 years, we have supplied high-quality connectors and cables to more than 30 charging pile factories and 18 brands in China, covering over 2,000 public charging piles across 18 provinces. Our products have a maximum lifespan of up to 6 years, with an average lifespan of 4 years. More than 300,000 AC charging connectors are used for private charging piles and portable chargers.

In the international market, over the past 4 years, we have provided premium connectors and cables to 34 charging pile brands, 18 charging station operators, and 26 electrical contractors.

## Our core strengths

### Low MOQ

Lower than the industry standard, helping customers reduce costs and inventory pressure.

### Flexible Customization

We offer the best product solutions based on customer budgets, with various production processes, materials, and design options to choose from.

### Efficient Management

We use a professional cloud platform for file synchronization and sharing, saving management time.

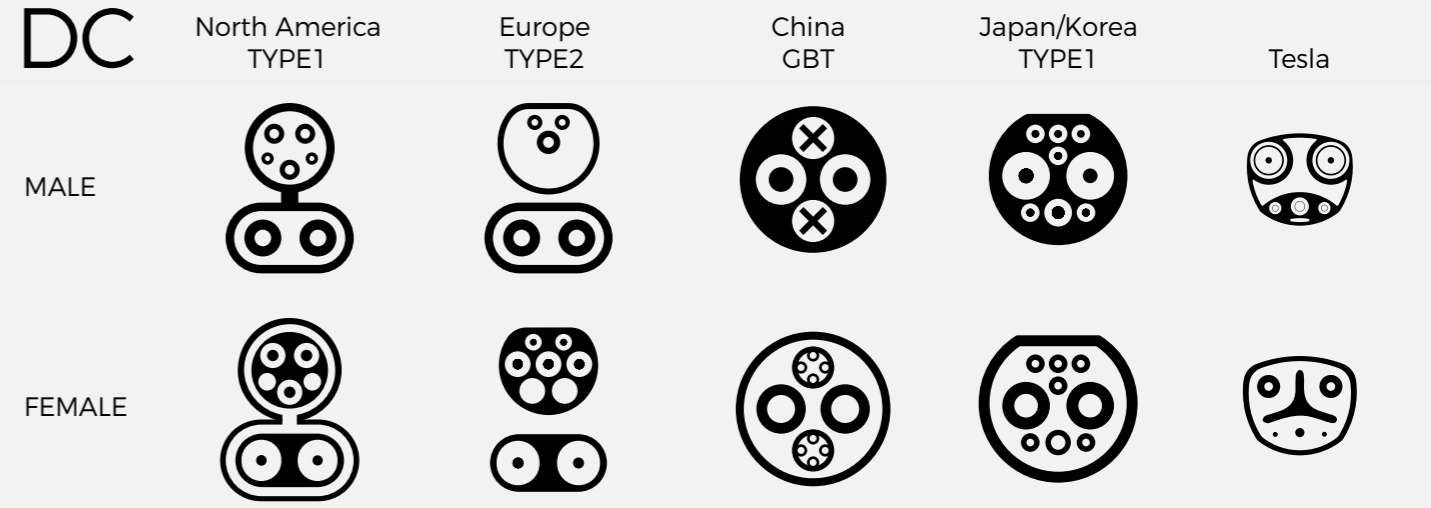
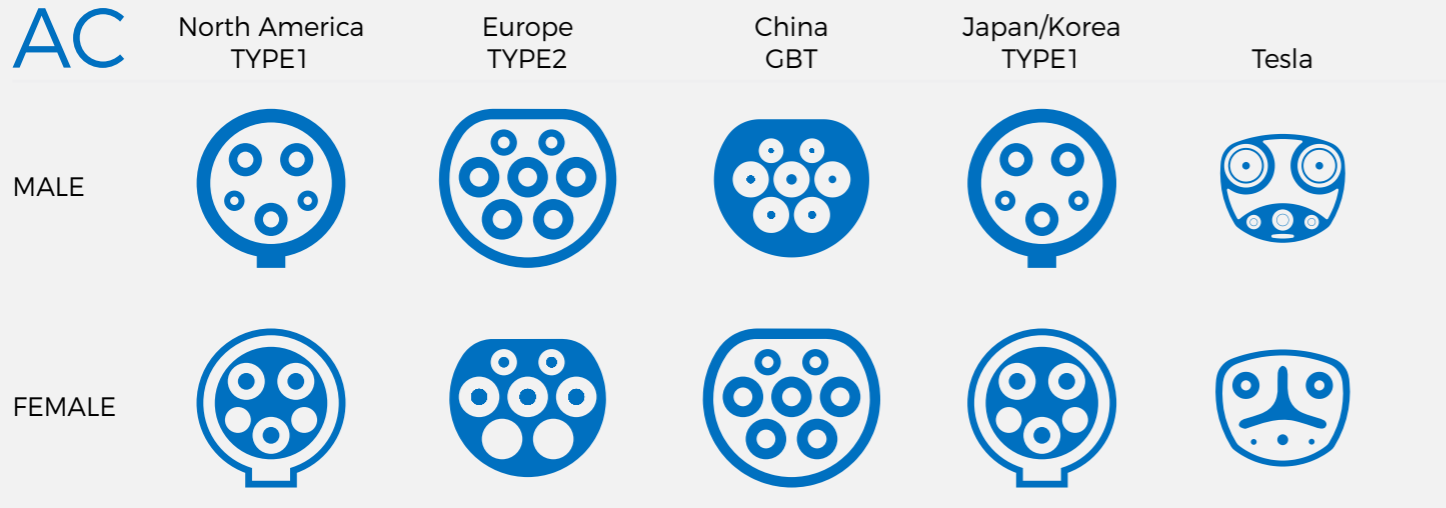
### Market Insights

We regularly provide third-party professional industry analysis reports to help customers seize market opportunities.

We focus on the production of charging connectors, excelling in craftsmanship, cost, and customization flexibility. We continuously improve our processes, enhance product quality, and improve user experience.

Look forward to working with you to advance electric vehicle charging technology.

# EV CHARGING CONNECTOR TYPE



**Slow & Fast Charging**

**Vehicle side EV connector types**

These connector types fit into the socket on your vehicle and can be thought of the same as the phone-side charging connectors on your Apple or Android phone charging cable. Depending on which phone/car you have, different connectors will fit into your phone/car socket.

**Alternating Current (AC)**

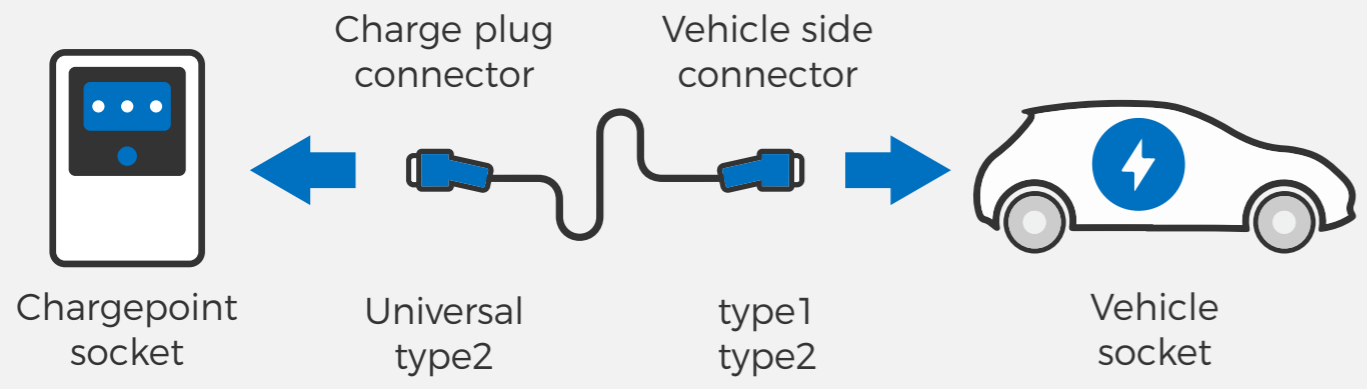
Typically used for top-up charging at home, work and destinations, there are two types of AC vehicle-side connectors.

**Chargepoint side EV connector types**

The Type 2 chargepoint socket is universal, and can be thought of in a similar way to the wall socket for charging iPhones or Android phones (i.e. the socket is the same for each, but the cable is specific to the car/phone type).

**Alternating Current (AC)**

Typically used for top-up charging at home, work and destinations, there is really only one kind of chargepoint socket on slow and fast chargers, though some drivers might occasionally plug into their traditional 3-pin wall socket as an emergency backup or 5 - pin three-phase wall socket .



**Rapid Charging**

**Direct Current (DC)**

Typically used for en route rapid charging, there are three types of DC car-side connectors. All DC rapid charging stations will have cables with both a CHAdeMO and CCS connector attached and you will simply have to choose which fits to your vehicle socket. To protect the battery, rapid chargers do not consistently charge at their typical power rating.

**CCS - Type 1 and Type 2 (Combined Charging System)**

CCS, or combined charging system, is a beautifully elegant solution for fast DC charging. These are the original plugs, either Type 1 or Type 2, to which two more pins are added at the bottom. In the case of DC charging, these two lower pins participate in the charging itself and from the upper part only the communication pin and the earth conductor, which provides the reference point for the protection systems, are used. These connectors can withstand power of up to 350 kW

CCS are not compatible with CHAdeMO and GB / T charging stations because they use different communication protocols, so special adapters are needed and they are not easy to obtain.


- Electric vehicles either have a a Type 1 or Type 2 socket for slow/fast charging and CHAdeMO or CCS for DC rapid charging
- Most slow/fast chargepoints have a Type 2 socket. Occasionally they will have a cable attached instead. All DC rapid charging stations have a cable attached with mostly a CHAdeMO and a CCS connector.
- Most EV drivers purchase a portable charging cable that matches their vehicle's Type 2 socket so that they can charge on public networks.
- With the exception of Tesla Model X and Model S vehicles to date, which use Type 2 connectors for DC rapids. Adapters that allow to charge these Tesla models via CHAdeMO or CCS connectors are available.

# AC EV CHARGING CABLE

TYPE2 CE-01

3.5KW	11KW
7KW	22KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC250-480V	16A/1Phase	3.5KW	SP-EV-CE-01-AC16A
		32A/1Phase	7KW	SP-EV-CE-01-AC32A
		16A/3Phase	11KW	SP-EV-CE-01-AC16B
		32A/3Phase	22KW	SP-EV-CE-01-AC32B



## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Plug color:	<input type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Red <input type="checkbox"/> Green
Logo printing:	Laser



# AC EV CHARGING CABLE

TYPE1 CA-01

3.5KW	9KW
7KW	11KW

## SPECIFICATIONS


TYPE1	Rated voltage	Rated current	Rated power	Model NO.
	AC110-240V	16A	3.5KW	SP-EV-CE-01-AC16
		32A	7KW	SP-EV-CE-01-AC32
		40A	9KW	SP-EV-CE-01-AC40
		48A	11KW	SP-EV-CE-01-AC48



## FEATURE

Cable specification:	16A - 3.5KW - 3x14AWG+2x18AWG 32A - 7KW - 3x10AWG+2x18AWG 40A - 9KW - 2x9AWG+1x10AWG+2x18AWG 48A - 11KW - 2x8AWG+1x10AWG+2x18AWG
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L220 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPE
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Plug color:	
Logo printing:	Laser





# EV CHARGING CABLE

GBT CG-01

3.5KW

11KW

7KW

22KW

## SPECIFICATIONS

GB / T




Rated voltage	Rated current	Rated power	Model NO.
AC250-480V	16A/1Phase	3.5KW	SP-EV-CG-01-AC16A
	32A/1Phase	7KW	SP-EV-CG-01-AC32A
	16A/3Phase	11KW	SP-EV-CG-01-AC16B
	32A/3Phase	22KW	SP-EV-CG-01-AC32B

## FEATURE


Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L230 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)


## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Plug color:	
Logo printing:	Laser



## SPECIFICATIONS

TESLA NACS	Rated voltage	Rated current	Cable specification
 SP-EV-CT-01 Dust proof cap Thermal sensor	AC110-240V	16A	2x12AWG+1x13AWG+3x16AWG OD=15.7
		32A	3x10AWG+3x16AWG OD=16.7
		40A	3x9AWG+3x16AWG OD=17.4
		48A	2x8AWG+1x10AWG+3x16AWG OD=20.9
		63A	2x6AWG+1x8AWG+3x16AWG OD=23.6

TESLA NACS	Rated voltage	Rated current	Cable specification
 SP-EV-CT-02 Dust proof cap Thermal sensor with RF moduler	AC110-240V	16A	2x12AWG+1x13AWG+5x16AWG OD=16.7
		32A	3x10AWG+5x16AWG OD=17.7
		40A	3x9AWG+5x16AWG OD=18.4
		48A	2x8AWG+1x10AWG+5x16AWG OD=21.9
		63A	2x6AWG+1x8AWG+5x16AWG OD=23.8



## FEATURE


Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L230 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	TPE jacket for lifetime protection; T2 material for L / N terminal
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Logo printing:	Laser



## SPECIFICATIONS

CCS2	Rated voltage	Rated current	Cable specification
 SP-EV-CE-02	3 Phase	16A	3x2.5mm <sup>2</sup> +Nx0.75mm <sup>2</sup>
	Input: AC380V	32A	3x6.0mm <sup>2</sup> +Nx0.75mm <sup>2</sup>
	Output: VDC150-1000	60A	2x10mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>
		80A	2x16mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>
		120A	2x25mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>
		150A	2x35mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>



## FEATURE

Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L254 x W70 x H100 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION


Cable length:	5m / 7m / 10m
Logo printing:	Laser



**Multiple protection**  
 High temperature, over voltage, under voltage, ground, over current, leakage protection.



**SPECIFICATIONS**

CCS1	Rated voltage	Rated current	Cable specification
 SP-EV-CA-02	VDC1000	16A	3x12AWG+Nx18AWG
		32A	3x10AWG+Nx18AWG
		40A	2x9AWG+1x10AWG+Nx18AWG
		50A	2x8AWG+1x10AWG+Nx18AWG
		60A	2x6AWG+1x10AWG+Nx18AWG
		80A	2x5AWG+1x10AWG+Nx18AWG
		100A	2x4AWG+1x10AWG+Nx18AWG
		150A	2x2AWG+1x10AWG+Nx18AWG



**FEATURE**

Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L254 x W70 x H100 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPE
Case material:	Thermoplastic(flame retardant grade UL94-0)

**CUSTOMIZATION**


Cable length:	5m / 7m / 10m
Logo printing:	Laser



**Multiple protection**  
 High temperature, over voltage, under voltage, ground, over current, leakage protection.



## SPECIFICATIONS

DC-GB / T	Rated voltage	Rated current	Cable specification
 SP-EV-CG-02	3 Phase Input: AC380V Output: VDC150-1000	16A	3x2.5mm <sup>2</sup> +Nx0.75mm <sup>2</sup>
		32A	3x6.0mm <sup>2</sup> +Nx0.75mm <sup>2</sup>
		60A	2x10mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>
		80A	2x16mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>
		120A	2x25mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>
		150A	2x35mm <sup>2</sup> +1x6.0+Nx0.75mm <sup>2</sup>



## FEATURE

Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L254 x W70 x H100 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Logo printing:	Laser



### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage protection.



# AC EV CHARGING EXTENSION CORD

TYPE2 XCE-01

3.5KW	11KW
7KW	22KW


## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC250-480V	16A/1Phase	3.5KW	SP-EV-XCE-01-AC16A
		32A/1Phase	7KW	SP-EV-XCE-01-AC32A
		16A/3Phase	11KW	SP-EV-XCE-01-AC16B
		32A/3Phase	22KW	SP-EV-XCE-01-AC32B

## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Plug color:	
Logo printing:	Laser



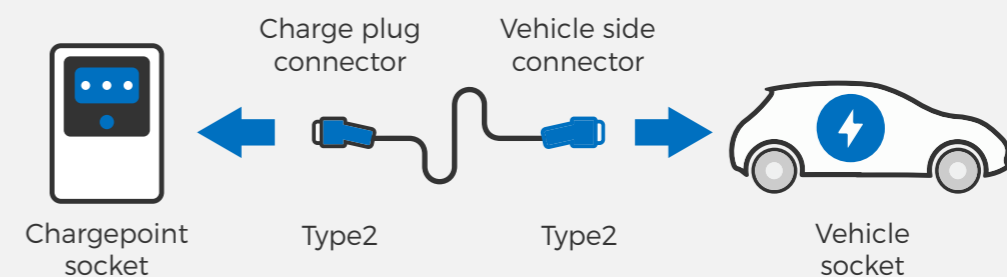
### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage protection.



### Dust Proof

Dust proof cap made by silicon, attached on tail



# AC EV CHARGING EXTENSION CORD

TYPE2 XCE-02

3.5KW	11KW
7KW	22KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC250-480V	16A/1Phase	3.5KW	SP-EV-XCE-02-AC16A
		32A/1Phase	7KW	SP-EV-XCE-02-AC32A
		16A/3Phase	11KW	SP-EV-XCE-02-AC16B
		32A/3Phase	22KW	SP-EV-XCE-02-AC32B

## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Plug color:	<input type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Blue
Logo printing:	Laser



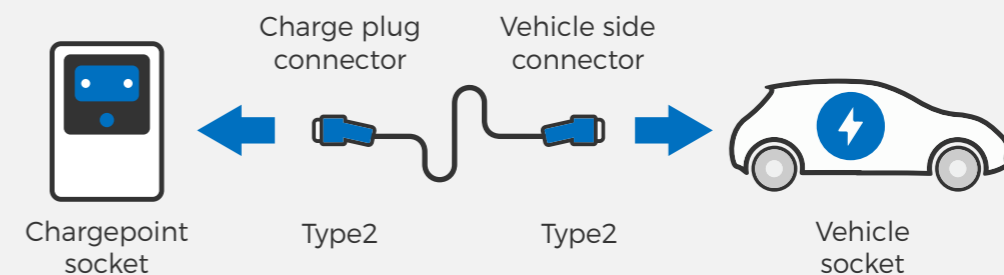
### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage protection.



### Dust Proof

Dust proof cap made by silicon, attached on tail



# AC EV CHARGING EXTENSION CORD

TYPE2 XCE-03

3.5KW	11KW
7KW	22KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC250-480V	16A/1Phase	3.5KW	SP-EV-XCE-03-AC16A
		32A/1Phase	7KW	SP-EV-XCE-03-AC32A
		16A/3Phase	11KW	SP-EV-XCE-03-AC16B
		32A/3Phase	22KW	SP-EV-XCE-03-AC32B


## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## NOTICE

Cable length:	Each side keep 0.5M length, rest spiral
Spiral ratio:	0.25(25%); Workable length ratio: 0.5(50%)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Plug color:	
Logo printing:	Laser



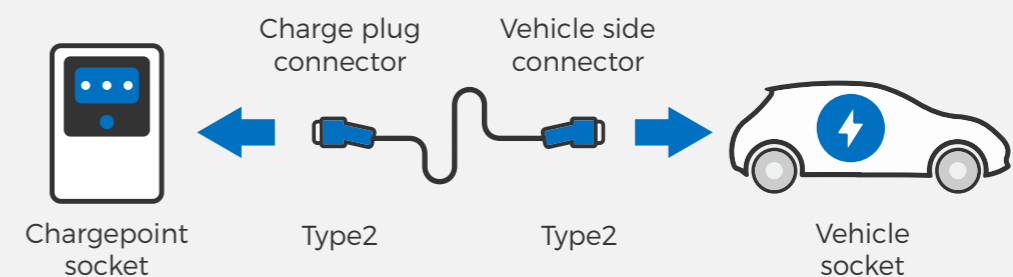
### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage protection.



### Dust Proof

Dust proof cap made by silicon, attached on tail




# AC EV CHARGING EXTENSION CORD

TYPE1 XCA-01

3.5KW	9KW
7KW	11KW


## SPECIFICATIONS

TYPE1	Rated voltage	Rated current	Rated power	Model NO.
	AC110-240V	16A	3.5KW	SP-EV-XCA-01-AC16
		32A	7KW	SP-EV-XCA-01-AC32
		40A	9KW	SP-EV-XCA-01-AC40
		48A	11KW	SP-EV-XCA-01-AC48

## FEATURE

Cable specification:	16A - 3.5KW - 3x12AWG+2x18AWG 32A - 7KW - 3x10AWG+2x18AWG 40A - 9KW - 2x9AWG+1x10AWG+2x18AWG 48A - 11KW - 2x8AWG+1x10AWG+2x18AWG
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L220 x W65 x H64 (mm)
Socket dimensions:	W70 x H70 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPE
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Plug color:	
Logo printing:	Laser



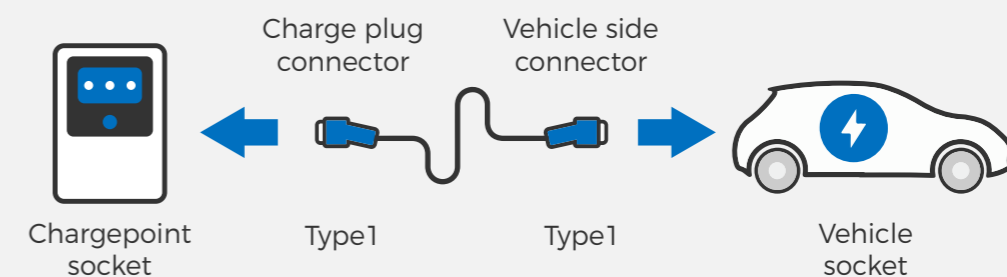
### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage protection.



### Dust Proof

Dust cover on socket side.




# AC EV CHARGING EXTENSION CORD

TYPE1 XCA-02

3.5KW	9KW
7KW	11KW

## SPECIFICATIONS

TYPE1	Rated voltage	Rated current	Rated power	Model NO.
	AC110-240V	16A	3.5KW	SP-EV-XCA-02-AC16
		32A	7KW	SP-EV-XCA-02-AC32
		40A	9KW	SP-EV-XCA-02-AC40
		48A	11KW	SP-EV-XCA-02-AC48

## FEATURE

Cable specification:	16A - 3.5KW - 3x12AWG+2x18AWG 32A - 7KW - 3x10AWG+2x18AWG 40A - 9KW - 2x9AWG+1x10AWG+2x18AWG 48A - 11KW - 2x8AWG+1x10AWG+2x18AWG
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L220 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPE
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

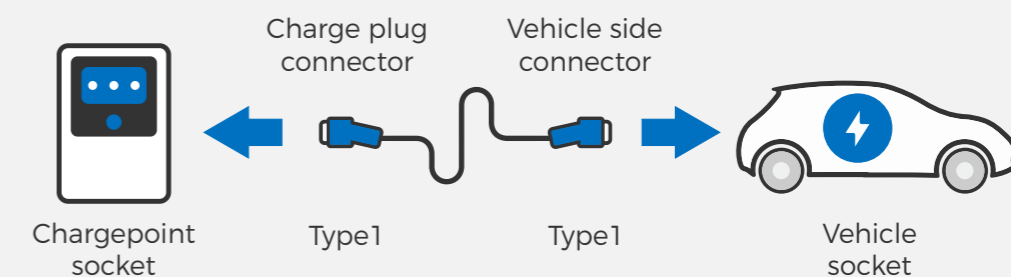
Cable length:	5m / 7m / 10m
Plug color:	<input checked="" type="checkbox"/> <input type="checkbox"/>
Logo printing:	Laser



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage protection.



**Dust Proof**  
Dust proof cap made by silicon, attached on tail



# AC EV CHARGING EXTENSION CORD

TESLA NACS XCT-01

3.5KW


7KW

11KW

9KW

22KW

## SPECIFICATIONS

TESLA NACS	Rated voltage	Rated current	Rated power	Model NO.
	AC110-240V	16A	3.5KW	SP-EV-XCT-01-AC16
		32A	7KW	SP-EV-XCT-01-AC32
		40A	9KW	SP-EV-XCT-01-AC40
		48A	11KW	SP-EV-XCT-01-AC48
		80A	22KW	SP-EV-XCT-01-AC80

## FEATURE

Cable specification:	16A - 3.5KW - 3x12AWG+2x18AWG 32A - 7KW - 3x10AWG+2x18AWG 40A - 9KW - 2x9AWG+1x10AWG+2x18AWG 48A - 11KW - 2x8AWG+1x10AWG+2x18AWG 80A - 22KW - 2x5AWG+1x6AWG+2x18AWG
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L220 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	PC + ABS
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

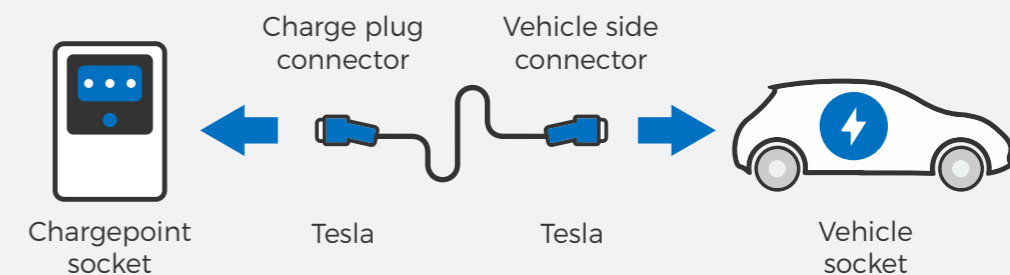
Cable length:	5m / 7m / 10m
Logo printing:	Laser



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage protection.



**Dust Proof**  
Dust proof cap made by silicon, attached on tail



# AC EV CHARGING EXTENSION CORD

TYPE2 TO GBT XCEG-01

3.5KW	11KW
7KW	22KW






## SPECIFICATIONS

TYPE2	GB / T	Rated voltage	Rated current	Rated power	Model NO.
 → 		AC250-480V	16A/1Phase	3.5KW	SP-EV-XCEG-01-AC3
			32A/1Phase	7KW	SP-EV-XCEG-01-AC7
			16A/3Phase	11KW	SP-EV-XCEG-01-AC11
			32A/3Phase	22KW	SP-EV-XCEG-01-AC22

## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

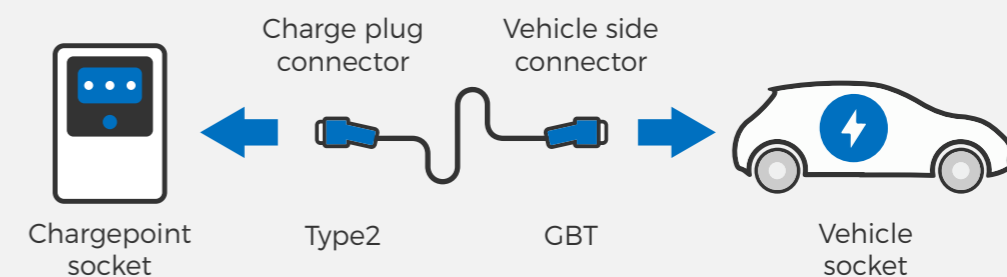
Cable length:	5m / 7m / 10m
Plug color:	    
Logo printing:	Laser



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage protection.



**Dust Proof**  
Dust proof cap made by silicon, attached on tail





# AC EV CHARGING EXTENSION CORD

TYPE2 TO TYPE1 XCEA-01

3.5KW

7KW






## SPECIFICATIONS

TYPE2	TYPE1	Rated voltage	Rated current	Rated power	Model NO.
		AC250V	16A/1Phase 32A/1Phase	3.5KW 7KW	SP-EV-XCEA-01-AC3 SP-EV-XCEA-01-AC7

## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm) / L220 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

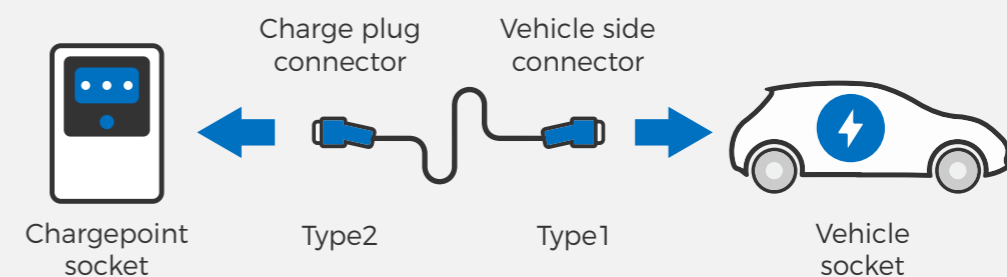
Cable length:	5m / 7m / 10m
Plug color:	    
Logo printing:	Laser



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage protection.



**Dust Proof**  
Dust proof cap made by silicon, attached on tail



# AC EV CHARGING EXTENSION CORD

TYPE2 TO TYPE1 XCEA-02

3.5KW	11KW
7KW	22KW

## SPECIFICATIONS

TYPE2	TYPE1	Rated voltage	Rated current	Rated power	Model NO.
		AC200-250V	16A/1Phase	3.5KW	SP-EV-XCE-02-AC3S
			32A/1Phase	7KW	SP-EV-XCE-02-AC7S
		AC380-440V	16A/3Phase	11KW	SP-EV-XCE-02-AC11
			32A/3Phase	22KW	SP-EV-XCE-02-AC22

## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm) / L220 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

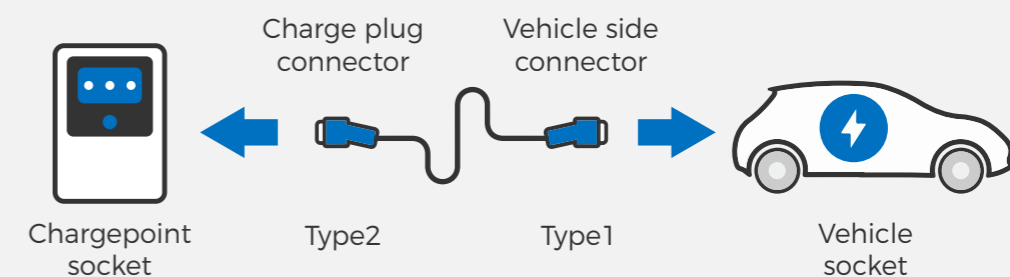
Cable length:	5m / 7m / 10m
Logo printing:	Laser



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage protection.



**Dust Proof**  
Dust proof cap made by silicon, attached on tail



# AC EV CHARGING EXTENSION CORD

TYPE2 TO TESLA NACS XCET-01

3.5KW	11KW
7KW	22KW

## SPECIFICATIONS

TYPE2	TESLA NACS	Rated voltage	Rated current	Rated power	Model NO.
		AC200-250V	16A/1Phase	3.5KW	SP-EV-XCET-01-AC3
			32A/1Phase	7KW	SP-EV-XCET-01-AC7
		AC380-440V	16A/3Phase	11KW	SP-EV-XCET-01-AC11
			32A/3Phase	22KW	SP-EV-XCET-01-AC22

## FEATURE

Cable specification:	16A/1Phase - 3.5KW - 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/1Phase - 7KW - 3x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup> 16A/3Phase - 11KW - 5x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> 32A/3Phase - 22KW - 5x6.0mm <sup>2</sup> +1x0.75mm <sup>2</sup>
Mechanical life:	No-load plug in / pull out > 10,000 times
Plug dimensions:	L210 x W69 x H62 (mm) / L230 x W65 x H64 (mm)
Protection rank:	IP55
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU
Case material:	Thermoplastic(flame retardant grade UL94-0)

## CUSTOMIZATION

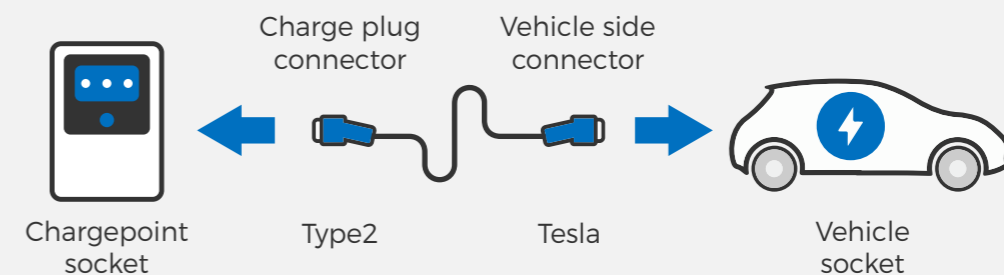
Cable length:	5m / 7m / 10m
Logo printing:	Laser



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage protection.



**Dust Proof**  
Dust proof cap made by silicon, attached on tail







# AC PORTABLE EV CHARGER

TESLA NACS PT-01 TYPE2 PE-01  
 TYPE1 PA-01  
 GBT PG-01

3.5KW 7KW  
 9KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC250-380V	16A/1Phase	3.5KW	HJ-EV-PE-01-AC3
		32A/1Phase	7KW	HJ-EV-PE-01-AC7
GB / T	AC220-250V	16A/1Phase	3.5KW	HJ-EV-PG-01-AC3
		32A/1Phase	7KW	HJ-EV-PG-01-AC7
TYPE1	AC125-250V	16A	3.5KW	HJ-EV-PA-01-AC3
		32A	7KW	HJ-EV-PA-01-AC7
		40A	9KW	HJ-EV-PA-01-AC9
TESLA NACS	AC125-250V	16A	3.5KW	HJ-EV-PT-01-AC3
		32A	7KW	HJ-EV-PT-01-AC7
		40A	9KW	HJ-EV-PT-01-AC9

## FEATURE

Control box size:	L243 x W90 x H53 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-20°C~+50°C
Materials:	EVC / TPU(TYPE2, GBT), TPE(TYPE1, TESLA NACS)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m	
Shield color:		
Plug color:		
Logo printing:	Laser / Silk-screen	



### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.



### Indicator light

The Led light indicates the working status, and the screen displays the working status information in real time.

# AC PORTABLE EV CHARGER

TESLA NACS PT-02 TYPE2 PE-02  
TYPE1 PA-02  
GBT PG-02

3.5KW 7KW  
9KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC250-380V	16A/1Phase	3.5KW	HJ-EV-PE-02-AC3
		32A/1Phase	7KW	HJ-EV-PE-02-AC7
GB / T	AC220-250V	16A/1Phase	3.5KW	HJ-EV-PG-02-AC3
		32A/1Phase	7KW	HJ-EV-PG-02-AC7
TYPE1	AC125-250V	16A	3.5KW	HJ-EV-PA-02-AC3
		32A	7KW	HJ-EV-PA-02-AC7
		40A	9KW	HJ-EV-PA-02-AC9
TESLA NACS	AC125-250V	16A	3.5KW	HJ-EV-PT-02-AC3
		32A	7KW	HJ-EV-PT-02-AC7
		40A	9KW	HJ-EV-PT-02-AC9







## FEATURE

Control box size:	L243 x W90 x H53 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-20°C~+50°C
Materials:	EVC / TPU(TYPE2, GBT), TPE(TYPE1, TESLA NACS)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m			
Shield color:	     			
Plug color:	 			
Logo printing:	Laser / Silk-screen			




-  **Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.
-  **Indicator light**  
The Led light indicates the working status, and the screen displays the working status information in real time.
-  **Time delay**
-  **Current switch**
-  **1.8" LCD screen**
-  **Optional networking mode support Bluetooth**

# AC PORTABLE EV CHARGER

TESLA NACS PT-03 TYPE2 PE-03  
TYPE1 PA-03  
GBT PG-03

3.5KW 7KW 11KW  
9KW 22KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC200-250V	16A/1Phase	3.5KW	HJ-EV-PE-03-AC3
		32A/1Phase	7KW	HJ-EV-PE-03-AC7
	AC380-440V	16A/3Phase	11KW	HJ-EV-PE-03-AC11
		32A/3Phase	22KW	HJ-EV-PE-03-AC22
GB / T	AC200-250V	16A/1Phase	3.5KW	HJ-EV-PG-03-AC3
		32A/1Phase	7KW	HJ-EV-PG-03-AC7
	AC380-440V	16A/3Phase	11KW	HJ-EV-PG-03-AC11
		32A/3Phase	22KW	HJ-EV-PG-03-AC22
TYPE1	AC110-240V	16A	3.5KW	HJ-EV-PA-03-AC3
		32A	7KW	HJ-EV-PA-03-AC7
		40A	9KW	HJ-EV-PA-03-AC9
TESLA NACS	AC110-240V	16A	3.5KW	HJ-EV-PT-03-AC3
		32A	7KW	HJ-EV-PT-03-AC7
		40A	9KW	HJ-EV-PT-03-AC9

## FEATURE

Control box size:	L220 x W100 x H60 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU(TYPE2, GBT), TPE(TYPE1, TESLA NACS)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m	Shield color:	■
Logo printing:	Laser / Silk-screen	Plug color:	■ □



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.



**Indicator light**  
Indicator Light to show work situation(R/G/B)



**Time delay**



**Current switch**







**2.4" LCD screen**

# AC PORTABLE EV CHARGER

TESLA NACS PT-04 TYPE2 PE-04  
 TYPE1 PA-04  
 GBT PG-04

3.5KW 7KW  
 9KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC200-250V	16A/1Phase	3.5KW	HJ-EV-PE-04-AC3
		32A/1Phase	7KW	HJ-EV-PE-04-AC7
GB / T	AC220-250V	16A/1Phase	3.5KW	HJ-EV-PG-04-AC3
		32A/1Phase	7KW	HJ-EV-PG-04-AC7
TYPE1	AC110-240V	16A	3.5KW	HJ-EV-PA-04-AC3
		32A	7KW	HJ-EV-PA-04-AC7
		40A	9KW	HJ-EV-PA-04-AC9
TESLA NACS	AC110-240V	16A	3.5KW	HJ-EV-PT-04-AC3
		32A	7KW	HJ-EV-PT-04-AC7
		40A	9KW	HJ-EV-PT-04-AC9

## FEATURE

Control box size:	L210 x W85 x H50 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU(TYPE2, GBT), TPE(TYPE1, TESLA NACS)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m	Shield color:	■
Logo printing:	Laser / Silk-screen	Plug color:	■ □



**Multiple protection**  
 High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.



**Indicator light**  
 Indicator Light to show work situation(R/G/B)



Time delay



Current switch






0.96" LCD screen

# AC PORTABLE EV CHARGER

TYPE2 PE-05  
TYPE1 PA-05  
GBT PG-05

3.5KW  
7KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC200-250V	16A/1Phase	3.5KW	HJ-EV-PE-05-AC3
		32A/1Phase	7KW	HJ-EV-PE-05-AC7
GB / T	AC220-250V	16A/1Phase	3.5KW	HJ-EV-PG-05-AC3
		32A/1Phase	7KW	HJ-EV-PG-05-AC7
TYPE1	AC110-240V	16A	3.5KW	HJ-EV-PA-05-AC3
		32A	7KW	HJ-EV-PA-05-AC7

## FEATURE

Control box size:	L235 x W100 x H52 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU(TYPE2, GBT), TPE(TYPE1)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m	Shield color:	■
Logo printing:	Laser / Silk-screen	Plug color:	■ □



**Multiple protection**  
High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.



**Indicator light**  
Indicator Light to show work situation(R/G/B)



Time delay



Current switch







2.8" LCD screen

# AC PORTABLE EV CHARGER

TESLA NACS PT-06 TYPE2 PE-06  
 TYPE1 PA-06  
 GBT PG-06

3.5KW 7KW  
 9KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC200-250V	16A/1Phase	3.5KW	HJ-EV-PE-06-AC3
		32A/1Phase	7KW	HJ-EV-PE-06-AC7
GB / T	AC220-250V	16A/1Phase	3.5KW	HJ-EV-PG-06-AC3
		32A/1Phase	7KW	HJ-EV-PG-06-AC7
TYPE1	AC110-240V	16A	3.5KW	HJ-EV-PA-06-AC3
		32A	7KW	HJ-EV-PA-06-AC7
		40A	9KW	HJ-EV-PA-06-AC9
TESLA NACS	AC110-240V	16A	3.5KW	HJ-EV-PT-06-AC3
		32A	7KW	HJ-EV-PT-06-AC7
		40A	9KW	HJ-EV-PT-06-AC9

## FEATURE

Control box size:	L210 x W85 x H48 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU(TYPE2, GBT), TPE(TYPE1, TESLA NACS)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m	Shield color:	■
Logo printing:	Laser / Silk-screen	Plug color:	■ □



**Multiple protection**  
 High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.



**Indicator light**  
 Indicator Light to show work situation(R/G/B)



Time delay



Current switch






2.4" LCD screen

# AC PORTABLE EV CHARGER

TYPE2 PE-07  
TYPE1 PA-07  
GBT PG-07

3.5KW 7KW  
9KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC220-250V	16A/1Phase	3.5KW	HJ-EV-PE-07-AC3
		32A/1Phase	7KW	HJ-EV-PE-07-AC7
GB / T	AC220V	16A/1Phase	3.5KW	HJ-EV-PG-07-AC3
		32A/1Phase	7KW	HJ-EV-PG-07-AC7
TYPE1	AC110-240V	16A	3.5KW	HJ-EV-PA-07-AC3
		32A	7KW	HJ-EV-PA-07-AC7
		40A	9KW	HJ-EV-PA-07-AC9

## FEATURE

Control box size:	L400 x W345 x H140 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-30°C~+50°C
Materials:	EV charging cable TPU(TYPE2, GBT), TPE(TYPE1)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m	Shield color:	■
Logo printing:	Laser / Silk-screen	Plug color:	■ □



### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.



Time delay



Current switch



2.4" LCD screen







Optional networking mode support APP / wifi

# AC PORTABLE EV CHARGER

TESLA NACS PT-08 TYPE2 PE-08  
TYPE1 PA-08  
GBT PG-08

3.5KW 7KW  
9KW

## SPECIFICATIONS

TYPE2	Rated voltage	Rated current	Rated power	Model NO.
	AC250-380V	16A/1Phase	3.5KW	HJ-EV-PE-08-AC3
		32A/1Phase	7KW	HJ-EV-PE-08-AC7
GB / T	AC220-250V	16A/1Phase	3.5KW	HJ-EV-PG-08-AC3
		32A/1Phase	7KW	HJ-EV-PG-08-AC7
TYPE1	AC125-250V	16A	3.5KW	HJ-EV-PA-08-AC3
		32A	7KW	HJ-EV-PA-08-AC7
		40A	9KW	HJ-EV-PA-08-AC9
TESLA NACS	AC125-250V	16A	3.5KW	HJ-EV-PT-08-AC3
		32A	7KW	HJ-EV-PT-08-AC7
		40A	9KW	HJ-EV-PT-08-AC9

## FEATURE

Control box size:	L243 x W90 x H53 (mm)
Protection rank:	IP65(housing box), IP55(Plug-coupling state)
Work temperature:	-20°C~+50°C
Materials:	EVC / TPU(TYPE2, GBT), TPE(TYPE1, TESLA NACS)

## CUSTOMIZATION

Cable length:	5m / 7m / 10m
Shield color:	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Plug color:	<input checked="" type="checkbox"/> <input type="checkbox"/>
Logo printing:	Laser / Silk-screen



### Multiple protection

High temperature, over voltage, under voltage, ground, over current, leakage current and other protection functions.



### Indicator light

The Led light indicates the working status, and the screen displays the working status information in real time.



### Time delay



### Current switch



### 2.4" LCD screen



Optional networking mode support Bluetooth



# EV CHARGING ADAPTER

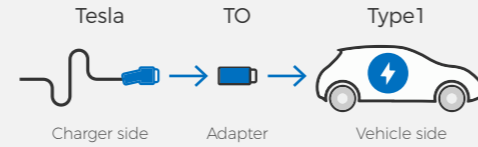


## TESLA TO TYPE1



Rated voltage: AC120-240V  
 Rated current: 80A  
 Temperature: -30°C~+50°C  
 Protection rank: IP55

## SP-EV-ATA-01



1. Tesla Female to SAE J1772 Type 1 Male adaptor
2. Compatible with all Tesla Model (S, 3, X and Y)
3. Input/output: 240VAC, 50 to 60Hz, 60A Max
4. Terminal material: phosphor copper, 3u silver plating
5. Excellent waterproof and dustproof performance; with lock

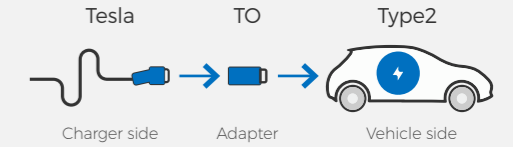


## TESLA TO TYPE2



Rated power: 14KW max  
 Rated voltage: 240VAC  
 Rated current: 60A max  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-ATE-01



- Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times

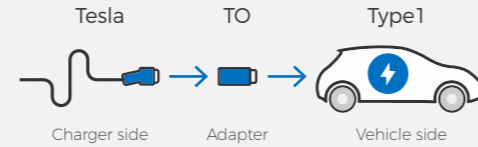


## TESLA TO TYPE1



Rated voltage: AC120-240V  
 Rated current: 60A  
 Temperature: -30°C~+50°C  
 Protection rank: IP55

## SP-EV-ATA-02



1. Tesla Female to SAE J1772 Type 1 Male adaptor
2. Compatible with all Tesla Model (S, 3, X and Y)
3. Input/output: 240VAC, 50 to 60Hz, 60A Max
4. Excellent waterproof and dustproof performance; with lock

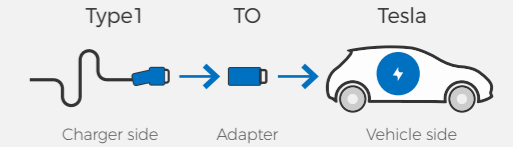


## TYPE1 TO TESLA



Rated voltage: AC120-240V  
 Rated current: 80A  
 Temperature: -30°C~+50°C  
 Protection rank: IP55

## SP-EV-AAT-01



1. SAE J1772 Type 1 Female to Tesla Male adaptor
2. Compatible with all Tesla Model (S, 3, X and Y)
3. Input/output: 240VAC, 50 to 60Hz, 60A Max
4. Terminal material: phosphor copper, 3u silver plating
5. Excellent waterproof and dustproof performance

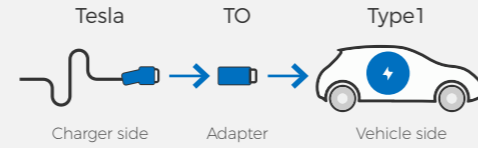


## TESLA TO TYPE1



Rated voltage: AC120-240V  
 Rated current: 60A  
 Temperature: -30°C~+50°C  
 Protection rank: IP55

## SP-EV-ATA-03



1. Tesla Female to SAE J1772 Type 1 Male adaptor
2. Compatible with all Tesla Model (S, 3, X and Y)
3. Input/output: 240VAC, 50 to 60Hz, 60A Max
4. Excellent waterproof and dustproof performance; with lock

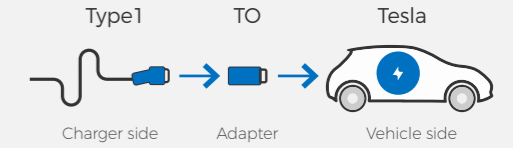


## TYPE1 TO TESLA



Rated voltage: AC120-240V  
 Rated current: 80A  
 Temperature: -30°C~+50°C  
 Protection rank: IP55

## SP-EV-AAT-02



1. SAE J1772 Type 1 Female to Tesla Male adaptor
2. Compatible with all Tesla Model (S, 3, X and Y)
3. Input/output: 240VAC, 50 to 60Hz, 60A Max
4. Terminal material: phosphor copper, 3u silver plating
5. Excellent waterproof and dustproof performance

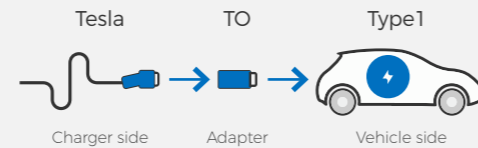


## TESLA TO TYPE1



Rated power: 20KW max  
 Rated voltage: 110V-250VAC  
 Rated current: 80A max  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-ATA-04



- Shell Material: PC+ABS  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

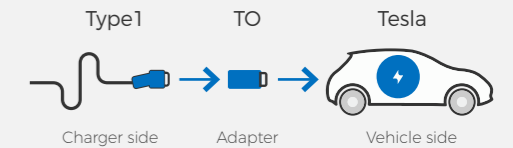


## TYPE1 TO TESLA



Rated voltage: AC120-240V  
 Rated current: 80A  
 Temperature: -30°C~+50°C  
 Protection rank: IP55

## SP-EV-AAT-03



1. SAE J1772 Type 1 Female to Tesla Male adaptor
2. Compatible with all Tesla Model (S, 3, X and Y)
3. Input/output: 240VAC, 50 to 60Hz, 60A Max
4. Terminal material: phosphor copper, 3u silver plating
5. Excellent waterproof and dustproof performance

# AC EV CHARGING ADAPTER

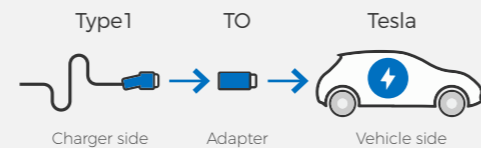


## TYPE1 TO TESLA



Rated voltage: AC120-240V  
 Rated current: 60A  
 Temperature: -30°C~+50°C  
 Protection rank: IP55

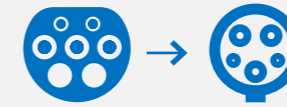
## SP-EV-AAT-04



1. SAE J1772 Type 1 Female to Tesla Male adaptor  
 2. Compatible with all Tesla Model (S, 3, X and Y)  
 3. Input/output: 240VAC, 50 to 60Hz, 80A Max  
 4. Excellent waterproof and dustproof performance: with lock

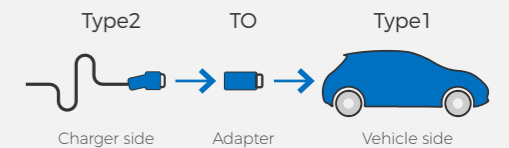


## TYPE2 TO TYPE1



Rated power: 7KW max.  
 Rated voltage: 250VAC  
 Rated current: 32A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-AEA-01



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

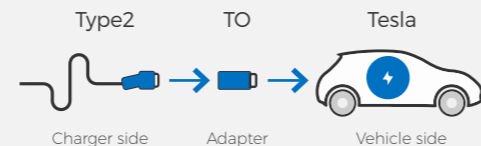


## TYPE2 TO TESLA



Rated power: 8KW max.  
 Rated voltage: AC110V~250V  
 Rated current: 32A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

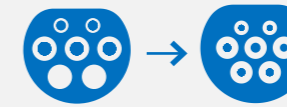
## SP-EV-AET-03



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

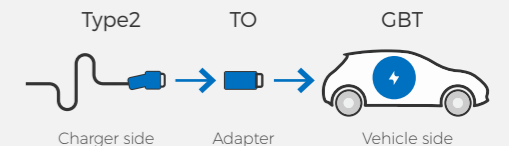


## TYPE2 TO GBT



Rated power: 8-13KW  
 Rated voltage: AC240-415V  
 Rated current: 32A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-AEG-01



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

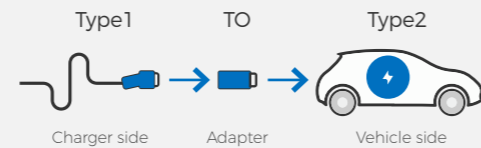


## TYPE1 TO TYPE2



Rated power: 8KW max.  
 Rated voltage: AC240V  
 Rated current: 32A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-AAE-01



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

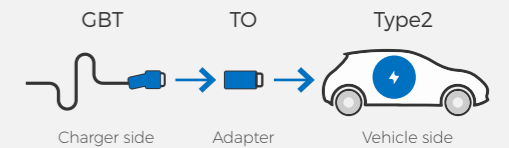


## GBT TO TYPE2



Rated power: 200KW max.  
 Rated voltage: AC240V  
 Rated current: 32A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-AGE-02



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

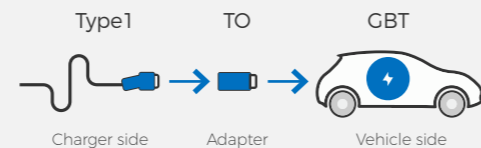


## TYPE1 TO GBT



Rated power: 8KW max.  
 Rated voltage: 110V-250VAC  
 Rated current: 32A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-AAG-01

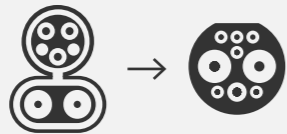


Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

# DC EV CHARGING ADAPTER

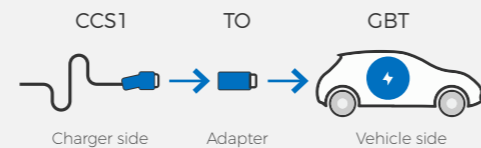


## CCS1 TO GBT-DC



Rated power: 200KW max.  
 Rated voltage: DC100-1000V  
 Rated current: 200A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

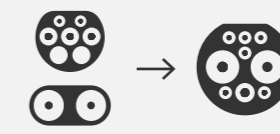
## SP-EV-AAG-02DC



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

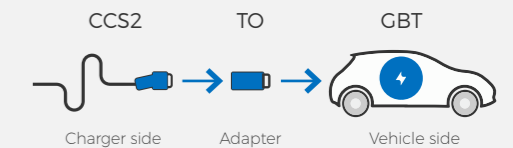


## CCS2 TO GBT-DC



Rated power: 200KW max.  
 Rated voltage: DC500-1000V  
 Rated current: 200A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

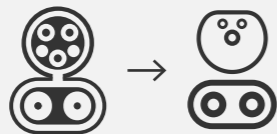
## SP-EV-AEG-01DC



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

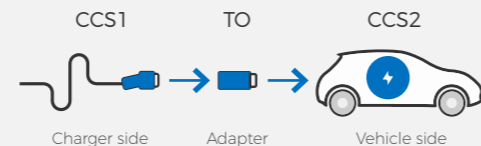


## CCS1 TO CCS2



Rated power: 200KW max.  
 Rated voltage: DC1000V  
 Rated current: 200A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

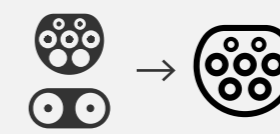
## SP-EV-AAE-01 AC+DC



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

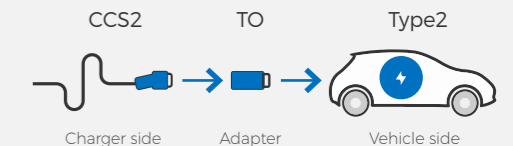


## CCS2 TO TYPE2



Rated power: 86KW max.  
 Rated voltage: DC410V  
 Rated current: 210A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

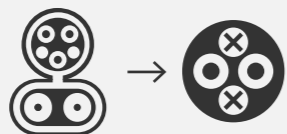
## SP-EV-AEE-01DC



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

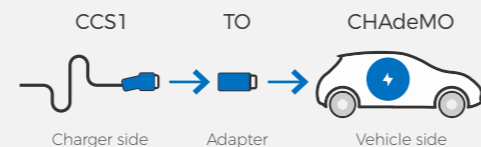


## CCS1 TO CHAdeMO



Rated power: 200KW max.  
 Rated voltage: DC1000V  
 Rated current: 250A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

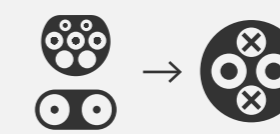
## SP-EV-AAC-01DC



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

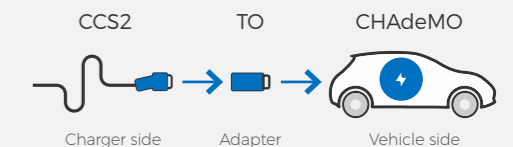


## CCS2 TO CHAdeMO



Rated power: 200KW max.  
 Rated voltage: DC2000V  
 Rated current: 200A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

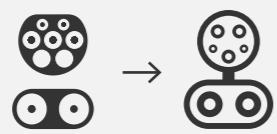
## SP-EV-AEC-01DC



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

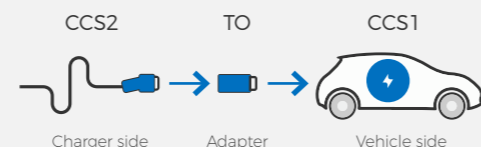


## CCS2 TO CCS1



Rated power: 200KW max.  
 Rated voltage: DC200-1000V  
 Rated current: 200A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

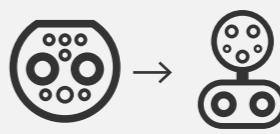
## SP-EV-AEA-01DC



Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

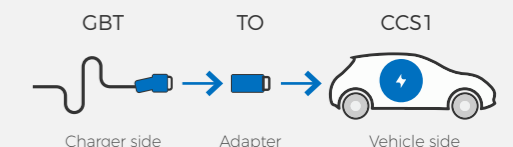


## GBT-DC TO CCS1



Rated power: 200KW max.  
 Rated voltage: DC150-1000V  
 Rated current: 200A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

## SP-EV-AGA-01DC



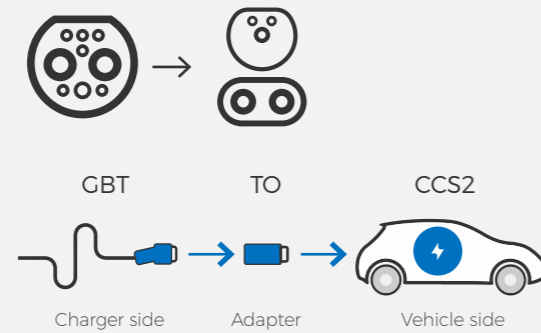
Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C

## GBT-DC TO CCS2

## SP-EV-AGE-01DC

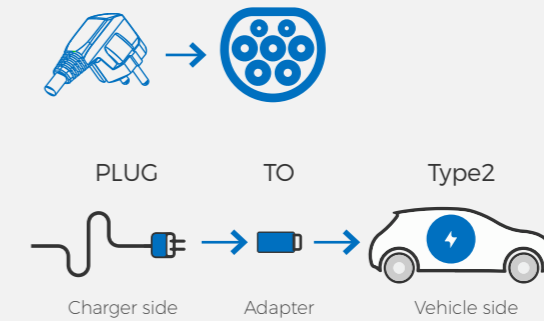
## TYPE2 V2L DISCHARGE

## SP-EV-AED-01



Rated power: 200KW max.  
 Rated voltage: DC150-1000V  
 Rated current: 200A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Dual temperature cutoff switch stops charging when the adapter reaches 90°C



Rated power: 3.5KW max.  
 Rated voltage: 220-250V  
 Rated current: 10-16A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

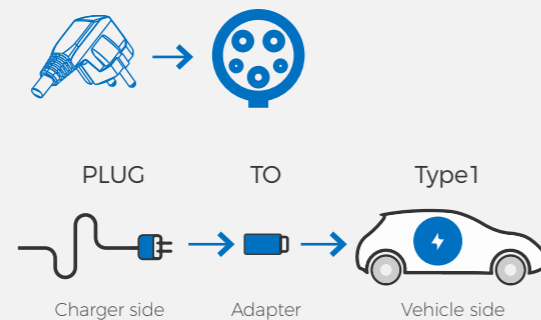
Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Discharging Power is defined by EV

## TYPE1 V2L DISCHARGE

## SP-EV-AAD-01

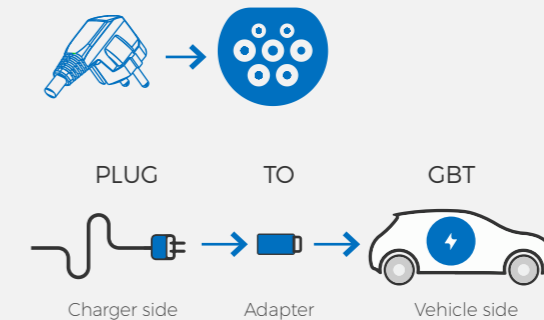
## GBT V2L DISCHARGE

## SP-EV-AGD-01



Rated power: 4KW max.  
 Rated voltage: 110-250V  
 Rated current: 10-16A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Discharging Power is defined by EV



Rated power: 3.5KW max.  
 Rated voltage: 220-250V  
 Rated current: 10-16A max.  
 Temperature: -30°C~+50°C  
 Protection rank: IP54

Insulation resistance: >1000mΩ  
 Contact resistance: <5mΩ  
 Flame retardant grade: UL94-V0  
 Service life: >10000 times  
 Discharging Power is defined by EV

# TYPE 2 SOCKET

- Rated current:16A/32A    Operation voltage:250V/480V    Insulation resistance:>500MΩ(DC500V)
- Contact Resistance:0.5mΩ Max    Terminal temperature rise:<50K    Withstand voltage:2000V
- Mechanical life:no-load plug in/out>10000 times    Coupled insertion force:45N<F<80N
- Operating temperature:-30℃--+50℃
- Case material: thermoplastic,flame retardant grade UL94 V-0
- Terminal:Copper alloy,silver plating

Rated current	Cable specification	Remarks
16ASingle phase	3X2.5MM <sup>2</sup> +2X0.5MM <sup>2</sup>	Shell color: black Signal lamp:optional Lock:optional
16AThree phase	5X2.5MM <sup>2</sup> +2X0.5MM <sup>2</sup>	
32ASingle phase	3X6MM <sup>2</sup> +2X0.5MM <sup>2</sup>	
32AThree phase	5X6MM <sup>2</sup> +2X0.5MM <sup>2</sup>	



# EV CHARGING ACCESSORIES

## Design details

- 45-degree angle, space-saving, more ergonomic. All edges are curved and do not hurt hands.

## Material

- Waterproof and flame retardant material.

## Charging connector holder



tesla

type 1

type 2

Fire retardant material  
Used in conjunction with an adapter  
And that size of the match mold is more consistent



**1** Connect your adapter to the J1772 charger.



**2** Insert the Tesla Charger lock into the adapter with the cover facing you until it snaps into place.

## EV Plug Lock Ring For Teala EV Adapter



**1** Your charger is now ready to use.

# EV CHARGING ACCESSORIES

Keep the Charging cable clean  
Polyester Material



**Cleaning gloves for charging cables**  
14X23X2.5cm



**Cleaning gloves for charging cables**  
14X23X2.5cm

# EV CHARGING ACCESSORIES

## Inside the shockproof airbag

The anti-cotton lining is added in the middle and the thickness reaches 1 cm, which can effectively reduce the collision and friction of the charging device

High density 210D lining

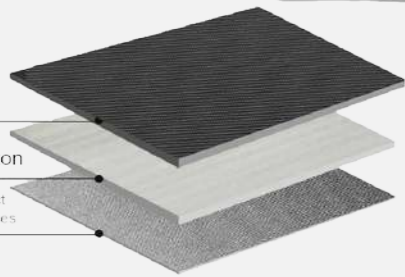
Absorb external shocks equal impact

High density shockproof cotton

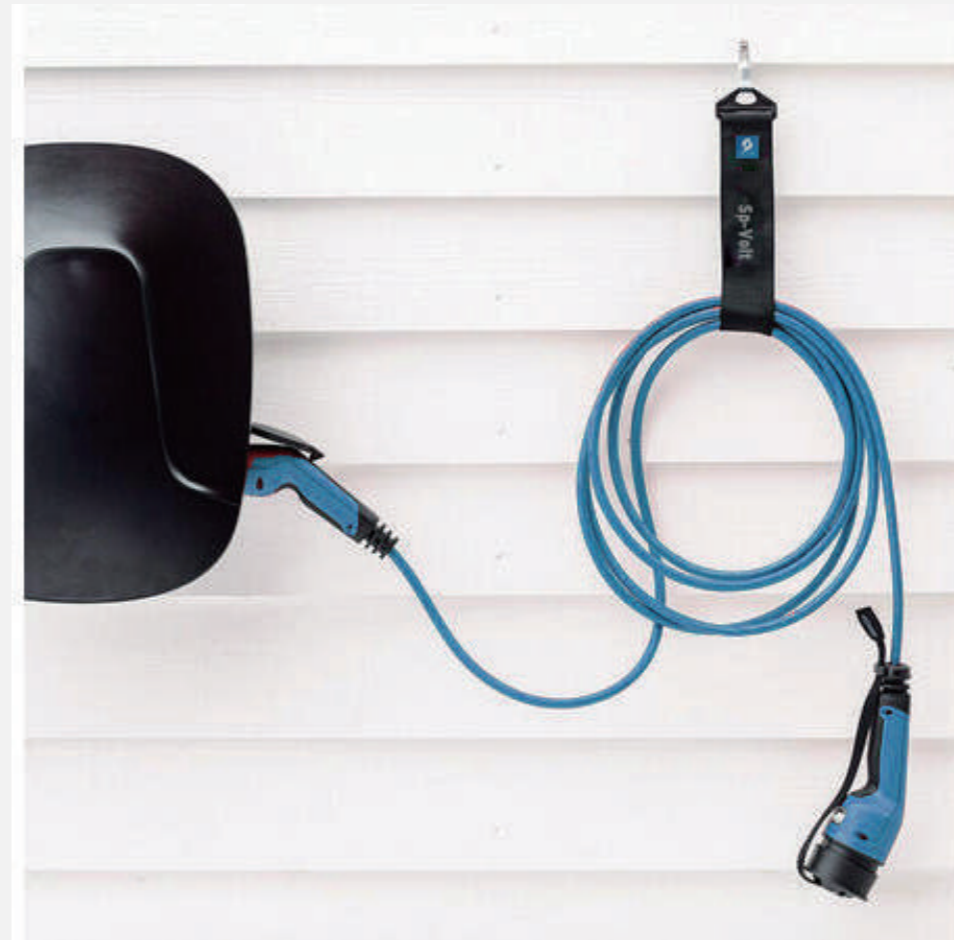
Buffer external impact and other impact forces

High density new

Flame retardant oxford fabric  
Thickened wear-resistant/splash-resistant



74 fabric colors for you to choose  
It can match the color of all models on the market.



## Cable storage



# Tesla Nema Adapter

## Description:

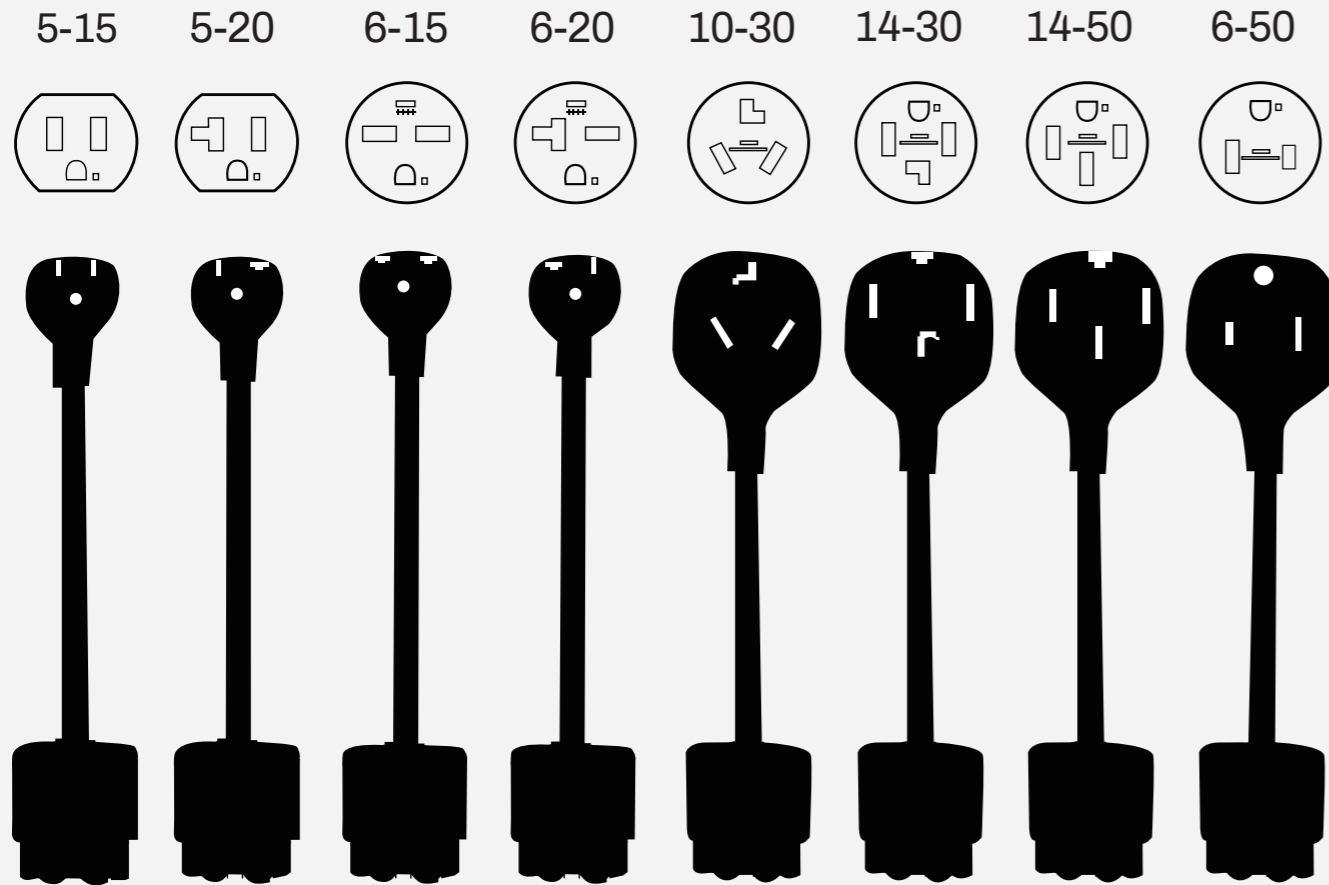
Tesla Model S,3,X,Y Mobile charger with NEMA 5-15 regular household 3 prong outlet AND NEMA 14-50 (dryer) outlet.

Genuine authentic OEM Tesla mobile connecto Kit. OEM part number 1101789-00-J

This unit is capable of dual voltage (110v-240v) depending on the adapter used with it.

Amperage ranges from 12 amps to 32 amps.

This charger provides flexibility of switching various types of NEMA outlet adapters such as 5-15,5-20,6-20,6-50,10-30,14-30 and 14-50.



Datasheet		Parameters				
Name		MDZ-5-15P	MDZ-6-20P	MDZ-10-30	MDZ-14-30	MDZ-14-50
Appearance structure	Power plug	NEMA 5-15P	NEMA 6-20P	NEMA 10-30P	NEMA 14-30P	NEMA 14-50P
	Size	28.6 x 7.8 x 7.7 centimetres				
	Compatible devices	Cellular Phones				
	Connector type	HDMI				
	Connector gender	Male-to-Female				
	Net Weight	About 0.32KG				

Outlets		Charge speed Miles of range per hour of charge			
		Model 3	Model S	Model X	Model Y
NEMA 6-50	240 volt / 50 amp breaker Maximum 32 amp output	30	27	23	27
NEMA 14-50		30	27	23	27
NEMA 14-30	240 volt / 30 amp breaker Maximum 24 amp output	22	21	17	21
NEMA 10-30		22	21	17	21
NEMA 6-20	240 volt / 20 amp breaker Maximum 16 amp output	15	14	12	14
NEMA 6-15	240 volt / 15 amp breaker Maximum 12 amp output	11	10	9	10
NEMA 5-20	120 volt / 20 amp breaker Maximum 16 amp output Common household outlet	7	7	6	7

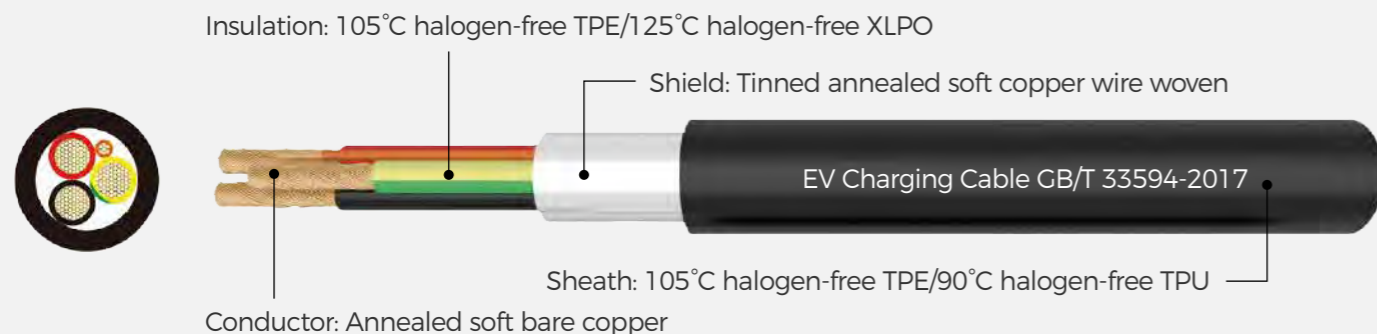
# PLUG CUSTOMIZATION



Plug for Tesla EV Charger

# CABLE CUSTOMIZATION

## MATERIAL



## FEATURE

- Work temperature: -40°C~+70°C, -40°C~+90°C
- Rated voltage: AC 450/ 750V, DC 1000V
- Good EMI and EMC anti-electromagnetic interference ability
- Resistance to external load pressure and thermal stress
- Passed the single vertical burning test, with high flame retardancy
- It does not contain halogen and follows the development direction of environmentally friendly products
- Cold-resistant, wear-resistant, oil-resistant, acid and alkali resistant, waterproof, UV-resistant

## ADVANTAGE

- High flexibility, the minimum bending radius can reach 5XOD (nominal diameter of the wire), and it is easy to install and use.
- Excellent resistance to external load pressure and thermal stress:
  - Passed the high-temperature pressure test as per GB/T 33594-2017
- Good oil compatibility (resistant to mineral oil, fuel oil and gasoline)
- Extremely strong resistance to the usage environment:
  - Passed the artificial climate aging test as per GB/T 33594-2017
- Excellent low-temperature toughness:
  - Passed the low-temperature bending test at -40°C and the cold impact test.

## REMARK

- For the above sizes, take the unshielded cable as an example.
- Certification combination:
  - (1) EV-(R)SS, EV-(R)SSPS 450/750V1.0-70(2-5CORES)+0.5-1.5(P/P2)(1-11CORES)
  - (2) EV-(R)S90S90, EV-(R)S90S90PS90 450/750V1.0-70(2-5CORES)+0.5-1.5(P/P2)(1-11CORES)
  - (3) EV-(R)S90U, EV-(R)S90S90PU 450/750V1.0-70(2-5CORES)+0.5-1.5(P/P2)(1-11CORES)
  - (4) EV-(R)EYU EV-(R)EYUPU 450/750V1.0-70(3-5CORES)+0.5-0.75(P/P2)(1-6CORES)
- The detailed size shall be subject to the product specification.

## AC CHARGING LINE STRUCTURE TABLE

STYLE OF THE CABLE(MM2)	MAIN WIRE/SIGNAL WIRE(MM2)	CONDUCTOR/CONSTRUCTION(MM)	CONDUCTOR MAX RESISTANCE AT 20°C(Ω/KM)	MATERIAL COMBINATION (INSULATION+SHEATH)	INSULATION NOMINAL THICKNESS(MM)	SHEATH NOMINAL THICKNESS(MM)	REFERENCE VALUE OF CABLE DIAMETER(MM)
3x2.5+1x0.75	3x2.5 1x0.75	136/0.15AS 42/0.15AS	7.98 26.0	TPE+TPE	0.8, 0.5	1.9	12.6-16.1
				TPE+TPU	0.8, 0.5	1.1	11-14.2
				XLPO+TPU	0.7, 0.5	1.1	10.6-13.7
5x2.5+1x0.75	5x2.5 1x0.75	136/0.15AS 42/0.15AS	7.98 26.0	TPE+TPE	0.8, 0.5	2.1	14.9-19.0
				TPE+TPU	0.8, 0.5	1.3	13.3-17.0
				XLPO+TPU	0.7, 0.5	1.2	12.7-16.2
3x6+1x0.75	3x6 1x0.75	190/0.2AS 42/0.15AS	3.30 26.0	TPE+TPE	1.0, 0.5	2.2	15.8-20.2
				TPE+TPU	1.0, 0.5	1.3	14.1-18.0
				XLPO+TPU	0.7, 0.5	1.2	12.9-16.4
5x6+1x0.75	5x6 1x0.75	190/0.2AS 42/0.15AS	3.30 26.0	TPE+TPE	1.0, 0.5	2.5	19.3-24.5
				TPE+TPU	1.0, 0.5	1.5	17.4-22.1
				XLPO+TPU	0.7, 0.5	1.4	15.7-20.0
3x16+1x0.75	3x16 1x0.75	513/0.2AS 42/0.15AS	1.21 26.0	TPE+TPE	1.0, 0.5	2.6	20.1-25.4
				TPE+TPU	1.0, 0.5	1.6	18.1-23.0
				XLPO+TPU	0.7, 0.5	1.5	17.0-21.6
5x16+1x0.75	5x16 1x0.75	513/0.2AS 42/0.15AS	1.21 26.0	TPE+TPE	1.0, 0.5	3.0	25.0-31.7
				TPE+TPU	1.0, 0.5	1.8	22.7-28.8
				XLPO+TPU	0.7, 0.5	1.7	21.1-26.8

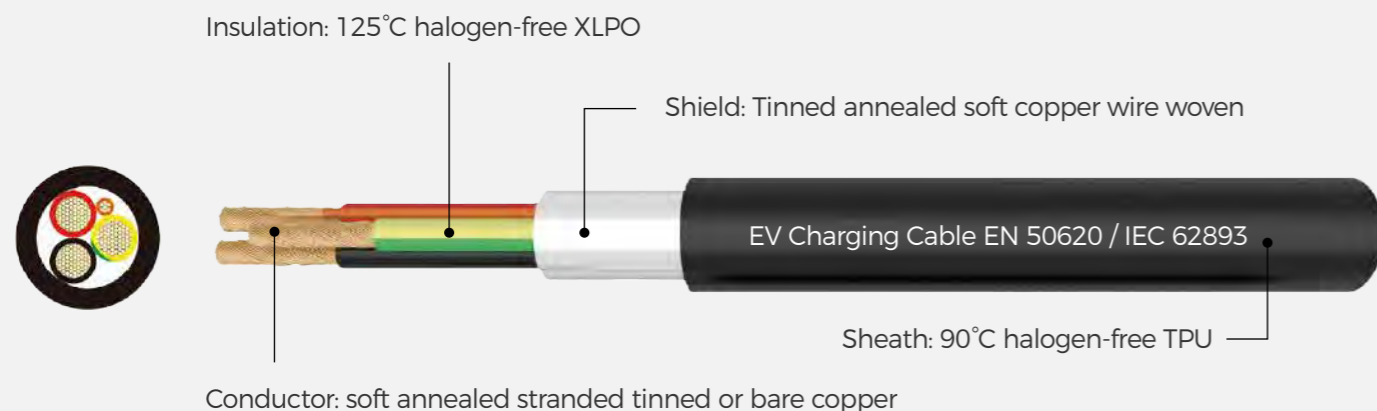
## DC CHARGING LINE STRUCTURE TABLE

STYLE OF THE CABLE(MM2)	MAIN WIRE/GROUNDING WIRE/AUXILIARY POWER CORD/SIGNAL WIRE(MM2)	CONDUCTOR/CONSTRUCTION(MM)	CONDUCTOR MAX RESISTANCE AT 20°C(Ω/KM)	MATERIAL COMBINATION (INSULATION+SHEATH)	INSULATION NOMINAL THICKNESS(MM)	SHEATH NOMINAL THICKNESS(MM)	REFERENCE VALUE OF CABLE DIAMETER(MM)
3x25+2x4+2Px0.75	2x25 1x25 2x4 2Px0.75	798/0.2AS 798/0.2AS 224/0.15AS 42/0.15AS	0.78 0.78 4.95 26.0	XLPO+TPE	1.2, 1.0, 0.5	3.0	24.5-31.0
2x35+1x25+2x4+2Px0.75	2x35 1x25 2x4 2Px0.75	1121/0.2AS 798/0.2AS 224/0.15AS 42/0.15AS	0.554 0.78 4.95 26.0	XLPO+TPE	1.2, 1.2 1.0, 0.5	3.3	27.7-35.0
2x50+1x25+2x4+2Px0.75	2x50 1x25 2x4 2Px0.75	1596/0.2AS 798/0.2AS 224/0.15AS 42/0.15AS	0.386 0.78 4.95 26.0	XLPO+TPE	1.4, 1.2 1.0, 0.5	3.7	32.4-40.9
2x70+1x25+2x4+2Px0.75	2x70 1x25 2x4 2Px0.75	2257/0.2AS 798/0.2AS 224/0.15AS 42/0.15AS	0.272 0.78 4.95 26.0	XLPO+TPE	1.4, 1.2 1.0, 0.5	4.2	37.1-46.8
2x80+1x25+2x4+2Px0.75	2x80 1x25 2x4 2Px0.75	1577/0.254AS 798/0.2AS 224/0.15AS 42/0.15AS	0.238 0.78 4.95 26.0	XLPO+TPE	1.6, 1.2 1.0, 0.5	4.6	41.8-48.4

# CABLE CUSTOMIZATION

EN 50620  
IEC 62893

## MATERIAL



## FEATURE

- Work temperature: -40°C~+90°C
- Rated voltage: AC 300/ 500V, AC 450/ 750V
- Good EMI and EMC anti-electromagnetic interference ability
- Resistance to external load pressure and thermal stress
- Passed the single vertical burning test, with high flame retardancy
- It does not contain halogen and follows the development direction of environmentally friendly products
- Cold-resistant, wear-resistant, oil-resistant, acid and alkali resistant, waterproof, UV-resistant

## ADVANTAGE

- High flexibility, the minimum bending radius can reach 5XOD (nominal diameter of the wire), and it is easy to install and use.
- Excellent resistance to external load pressure and thermal stress:  
Passed the high-temperature pressure test as per EN 50620 / IEC 62893
- Good oil compatibility (resistant to mineral oil, fuel oil and gasoline)
- Extremely strong resistance to the usage environment:  
Passed the artificial climate aging test as per EN 50620 / IEC 62893
- Excellent low-temperature toughness:  
Passed the low-temperature bending test at -40°C and the cold impact test.

## CHARGING LINE STRUCTURE TABLE

STYLE OF THE CABLE(MM2)	MAIN WIRE/ SIGNAL WIRE(MM2)	CONDUCTOR/ CONSTRUCTION(MM)	CONDUCTOR MAX RESISTANCE AT 20°C(Ω/KM)	MATERIAL COMBINATION (INSULATION+SHEATH)	INSULATION NOMINAL THICKNESS(MM)	SHEATH NOMINAL THICKNESS(MM)	REFERENCE VALUE OF CABLE DIAMETER(MM)
3x2.5+1x0.75	3x2.5 1x0.75	49/0.25AS 24/0.2AS	7.98 26.0	XLPO+TPU	0.7, 0.5	1.0	9.3-11.9
5x2.5+1x0.75	5x2.5 1x0.75	49/0.25AS 24/0.2AS	7.98 26.0	XLPO+TPU	0.7, 0.5	1.2	11.7-15.0
3x6+1x0.75	3x6 1x0.75	190/0.2AS 24/0.2AS	3.30 26.0	XLPO+TPU	0.7, 0.5	1.2	12.3-15.7
5x6+1x0.75	5x6 1x0.75	190/0.2AS 24/0.2AS	3.30 26.0	XLPO+TPU	0.7, 0.5	1.4	15.4-19.7
3x16+1x0.75	3x16 1x0.75	513/0.2AS 24/0.2AS	1.21 26.0	XLPO+TPU	0.7, 0.5	1.5	17.6-22.6
5x16+1x0.75	5x16 1x0.75	513/0.2AS 24/0.2AS	1.21 26.0	XLPO+TPU	0.7, 0.5	1.7	22.0-28.1

## REMARK

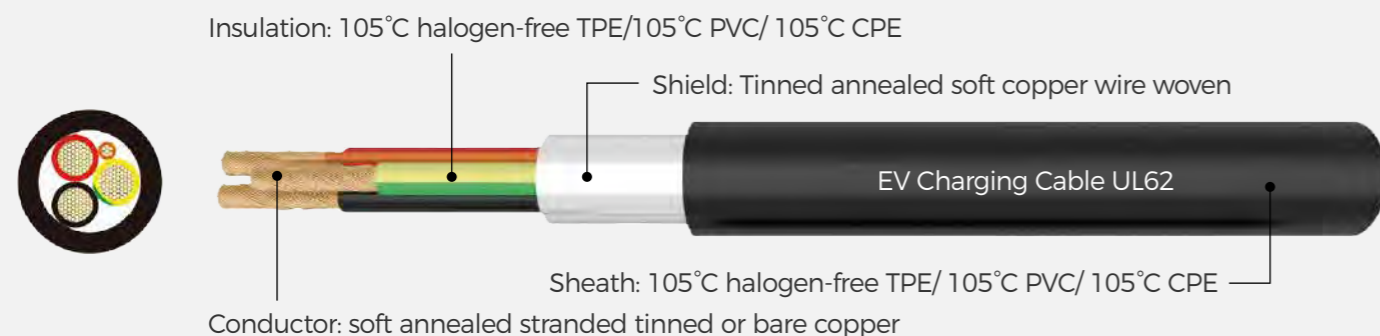
- For the above sizes, take the unshielded cable as an example.
- Certification combination:  

EN 50620	IEC 62893
(1) EVC H05BZ5-F 3G1.5...2.5+nX0.5...1.0(n=0...8)	(1) 62893 IEC 121 3G1.5...2.5+nX0.5...1.0(n=0...8)
(2) EVC H07BZ5-F 3G1.5...35+nX0.5...1.0(n=0...8)	(2) 62893 IEC 123 3G1.5...35+nX0.5...1.0(n=0...8)
(3) EVC H07BZ5-F 4...5G2.5...35+nX0.5...1.0(n=0...8)	(3) 62893 IEC 123 4...5G2.5...35+nX0.5...1.0(n=0...8)
- The detailed size shall be subject to the product specification.

# CABLE CUSTOMIZATION

UL 62

## MATERIAL



## FEATURE

Work temperature: -40°C~+105°C

Rated voltage: 600V, 300V

Passed VW-1/FT2 burning test, with high flame retardancy

It does not contain halogen and follows the development direction of environmentally friendly products

Cold-resistant, wear-resistant, oil-resistant, acid and alkali resistant, waterproof, UV-resistant

## ADVANTAGE

- High flexibility, the minimum bending radius can reach 5XOD (nominal diameter of the wire), and it is easy to install and use.
- Excellent resistance to external load pressure and thermal stress:  
Passed the high-temperature pressure test as per UL 2556
- Good oil compatibility (resistant to mineral oil, fuel oil and gasoline)
- Extremely strong resistance to the usage environment:  
Passed the artificial climate aging test as per UL 2556
- Excellent low-temperature toughness:  
Passed UL 2556 the low-temperature bending test at -40°C and the cold impact test.

## REMARK

- For the above sizes, take the unshielded cable as an example.

Structure specifications:

(1) EVE/EVT/EV: The structure specification is 18AWG-500Kcmil, with more than 2 cores, signal line can be added

(2) EVJE/EVJT/EVT: The structure specification is 18AWG-12AWG, the number of cores is 2-6, signal line can be added

- The detailed size shall be subject to the product specification.

## CHARGING LINE STRUCTURE TABLE

MODEL	TEMPERATURE RATING	THE RATED VOLTAGE	INSULATION MATERIALS	SHEATH MATERIALS	FLAME RETARDANT GRADE
EVE	-40°C~+105°C	600V	TPE	TPE	FT2
EVJE	-40°C~+105°C	300V	TPE	TPE	FT2
EVT	-40°C~+105°C	600V	PVC	PVC	VW-1
EVJT	-40°C~+105°C	300V	PVC	PVC	VW-1
EV	-40°C~+105°C	600V	CPE	CPE	VW-1
EVJ	-40°C~+105°C	300V	CPE	CPE	VW-1

## CHARGING LINE STRUCTURE TABLE

STYLE OF THE CABLE(AWG)	MAIN WIRE/SIGNAL WIRE(AWG)	CONDUCTOR/CONSTRUCTION(MM)	CONDUCTOR MAX RESISTANCE AT 20°C(Ω/KM)	MATERIAL MODEL	INSULATION NOMINAL THICKNESS(MM)	SHEATH NOMINAL THCKNESS(MM)	REFERENCE VALUE OF CABLE DIAMETER(MM)
3x6+1x18	3x6 1x18	266/0.254AS 16/0.254AS	1.40 22.4	EVE/EVT/EV	1.52, 0.76	3.56	25.50±0.80
3x8+1x18	3x8 1x18	168/0.254AS 16/0.254AS	2.23 22.4	EVE/EVT/EV	1.52, 0.76	3.17	23.00±0.60
3x10+1x18	3x10 1x18	105/0.254AS 16/0.254AS	3.51 22.4	EVE/EVT/EV	1.14, 0.76	2.03	18.00±0.50
3x12+1x18	3x12 1x18	65/0.254AS 16/0.254AS	5.58 22.4	EVE/EVT/EV	1.14, 0.76	2.03	15.50±0.50
				EVJE/EVJT/EVT	0.76, 0.76	1.14	11.80±0.40
3x14+1x18	3x14 1x18	41/0.254AS 16/0.254AS	8.88 22.4	EVE/EVT/EV	1.14, 0.76	2.03	14.30±0.50
				EVJE/EVJT/EVT	0.76, 0.76	1.14	10.60±0.40