



NEW ENERGY ENTERPRISES

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EV CHARGING SOLUTION

PRODUCT BROCHURE

CHONGQING SENKU MACHINERY IMP AND EXP CO., LTD



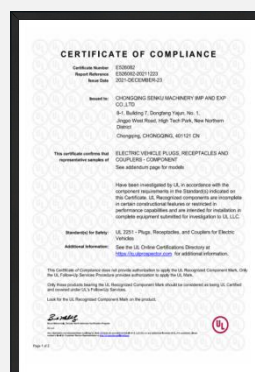
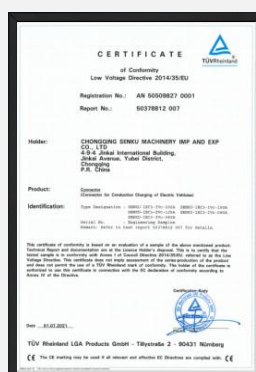


SENKU MACHINERY is a professional EV charging solution supplier of electric vehicle components, including all kinds of EV charging connectors (plugs&sockets), EV charging cables, EV charging Adapter, EV charging stations...With an annual output of more than 900,000 sets of charging connectors and more than 50000 units of charging stations.

The products got the certification of UL, TUV, ETL, CE. And the products were sold to Brazil, U.S.A, Italy, Switzerland, Germany, UK, France, Romania, Sweden, New Zealand, Slovakia, Czech Republic, Russia, Korea, Japan, India, Vietnam, Kazakhstan etc...

With rich experience and research institutions, advanced equipment and professional technical teams, SENKU MACHINERY can design, produce, develop and provide high quality products for enterprises and clients, by taking advantages of abundant industrial resources and extrusive influential, SENKU MACHINERY carries out consultations services related to products, technologies, market and projects.

Professions cast the brand, service creating value. SENKU MACHINERY sincerely to build long terms relation ship with clients, Vigorously Developing, Win-Win in the world!





CONNECTORS

PLUGS AND SOCKETS

IEC 62196 / SAE J1772 / GB/T 20234

EV CHARGING COUPLERS including the EV charging connectors (plugs) and sockets (inlet), enable the connection of an electric vehicle to a power supply.

The **IEC 62196 Type 2** connector is used for charging electric cars, mainly within Europe. The connector is circular in shape, with a flattened top edge and originally specified for charging battery electric vehicles at 3–50 kilowatts.

SAE J1772 (IEC 62196 Type 1), SAE Electric Vehicle Conductive Charge Couple, also known as a J plug, is a North American standard for electrical connectors for electric vehicles maintained by the SAE International.

The **Combined Charging System (CCS)** is a standard for charging electric vehicles, which uses the Combo 1 (CCS1) and Combo 2 (CCS2) connectors to provide power. These two connectors are extensions of the IEC 62196 Type 1 and Type 2 connectors, with two additional direct current (DC) contacts to allow high-power DC fast charging. And the CCS2 mainly use in Europe market and CCS1 mainly use in US market.

CHAdeMO first used in the Japanese market, but now it is also easy to find in the European market. And it is currently co-developing with China Electricity Council (CEC) the next-generation CHADEMO 3.0 ultra-high-power charging standard with the working name of “ChaoJi.”

The **Guobiao standard GB/T 20234** for AC / DC charging within China. And now it is also easy to find in the Asia market, especially the countries near China.



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP55	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE, UKCA

Model	Rated current	Cable specification	Cable Material
SENKU-IEC2-Ile-16A1P	16A	3*2.5mm ² + 1*0.5mm ² / 3*2.5mm ² + 2*0.5mm ²	TPE / TPU
SENKU-IEC2-Ile-16A3P	16A	5*2.5mm ² + 1*0. mm ² / 5*2.5mm ² + 2*0.5mm	TPE / TPU
SENKU-IEC2-Ile-32A1P	32A	3*6mm ² + 1*0.5mm ² / 3*6mm ² + 2*0.5mm	TPE / TPU
SENKU-IEC2-Ile-32A3P	32A	5*6mm ² + 1*0.5mm ² / 5*6mm ² + 2*0.5mm	TPE / TPU



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP55	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE, UKCA

Model	Rated current	Cable specification	Cable Material
WB-IP-AC1.0-16AS	16A	3*2.5mm ² + 1*0.5mm ² / 3*2.5mm ² + 2*0.5mm ²	TPE / TPU
WB-IP-AC1.0-16AT	16A	5*2.5mm ² + 1*0. mm ² / 5*2.5mm ² + 2*0.5mm	TPE / TPU
WB-IP-AC1.0-32AS	32A	3*6mm ² + 1*0.5mm ² / 3*6mm ² + 2*0.5mm	TPE / TPU
WB-IP-AC1.0-32AT	32A	5*6mm ² + 1*0.5mm ² / 5*6mm ² + 2*0.5mm	TPE / TPU



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A / 40A / 48A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	110V /240V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	TYPE3R	Standards	IEC62196-2 / UL2251
Flame retardant grade	UL94 V-0	Certification	TUV CE, UL

Model	Rated current	Cable specification	Cable Material
SK-SAE-ACP-16A	16A	3*2.5mm ² + 1*0.5mm ² / 3x14AWG+1x1 AWG	TPE
SK-SAE-ACP-32A	32A	3*6mm ² + 1*0.5mm ² / 3x10AWG+1x18AWG	TPE
SK-SAE-ACP-40A	40A	3x9AWG+1x18AWG	TPE
SK-SAE-ACP-48A	48A	2x8AWG+1x1 AWG+1x1 AWG	TPE



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	GB/T 20234
Flame retardant grade	UL94 V-0	Certification	/

Model	Rated current	Cable specification	Cable Material
SK-GB-AC16-P	16A	3*2.5mm ² + 1*0.5mm ² / 3*2.5mm ² + 2*0.5mm ²	/
SK-GB-AC16-P-3	16A	5*2.5mm ² + 1*0. mm ² / 5*2.5mm ² + 2*0.5mm	/
SK-GB-AC32-P	32A	3*6mm ² + 1*0.5mm ² / 3*6mm ² + 2*0.5mm	/
SK-GB-AC32-P-3	32A	5*6mm ² + 1*0.5mm ² / 5*6mm ² + 2*0.5mm	/



ELECTRICAL PERFORMANCE

Rated Current	60A / 80A / 125A /150A / 200A	Insulation Resistance	>2000MΩ (DC1000V)
Rated Voltage	1000V DC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP55	Standards	IEC62196-1 / IEC62196-3
Flame retardant grade	UL94 V-0	Certification	TUV CE , CB

Model	Rated current	Cable specification	Cable Material
SENKU-IEC3-IVc-080A	60A / 80A	2*16mm ² +16mm ² +P(5x0.75+1x0.75P)	TPE / TPU
SENKU-IEC3-IVc-125A	125A	2*35mm ² +35mm ² +P(5x0.75+1x0.75P)	TPE / TPU
SENKU-IEC3-IVc-150A	150A	2*50mm ² +35mm ² +P(5x0.75+1x0.75P)	TPE / TPU
SENKU-IEC3-IVc-200A	200A	2*70mm ² +35mm ² +P(5x0.75+1x0.75P)	TPE / TPU
SENKU-IEC3-IVc-250A	250A	2*70mm ² +35mm ² +P(5x0.75+1x0.75P)	TPU



ELECTRICAL PERFORMANCE

Rated Current	60A / 80A / 125A /150A / 200A	Insulation Resistance	>2000MΩ (DC1000V)
Rated Voltage	1000V DC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	TYPE 3R	Standards	IEC62196-3 / UL2251
Flame retardant grade	UL94 V-0	Certification	600VDC -CE,1000VDC -UL

Model	Rated current	Cable specification	Cable Material
SK-SAE-DCP-080A	60A / 80A	2*5AWG+1*9AWG+3*2*18AWG	TPE
SK-SAE-DCP-125A	125A	2*2AWG+1*8AWG+3*2*18AWG	TPE
SK-SAE-DCP-150A	150A	2*1AWG+1*8AWG+3*2*18AWG	TPE
SK-SAE-DCP-200A	200A	2*2/0AWG+1*8AWG+3*2*18AWG	TPE



ELECTRICAL PERFORMANCE

Rated Current	125A / 200A	Insulation Resistance	>2000MΩ (DC1000V)
Rated Voltage	1000V DC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	IEC62196-1 / IEC62196-3
Flame retardant grade	UL94 V-0	Certification	CE, UL

Model	Rated current	Cable specification	Cable Material
W55037-35-5R(125A)	125A	2*35mm ² +9*0.5mm ²	TPE
W55037-35-5R(200A)	200A	2*70mm ² +9*0.5mm ²	TPE



ELECTRICAL PERFORMANCE

Rated Current	80A / 125A / 200A /250A	Insulation Resistance	>2000MΩ (DC1000V)
Rated Voltage	750V / 1000V DC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	GB/T 20234
Flame retardant grade	UL94 V-0	Certification	/

Model	Rated current	Cable specification	Cable Material
SK-GBT-DCP-080A	60A / 80A	2*20mm²+25mm²+2*4mm²+2P(2x0.75)+7x0.75mm²	TPU
SK-GBT-DCP-125A	125A	2*35mm²+25mm²+2*4mm²+2P(2x0.75)+7x0.75mm²	TPU
SK-GBT-DCP-200A	150A	2*70mm²+25mm²+2*4mm²+2P(2x0.75)+7x0.75mm²	TPU
SK-GBT-DCP-250A	200A	2*80mm²+25mm²+2*4mm²+2P(2x0.75)+7x0.75mm²	TPU



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	240V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE

Model	Rated current	Cable specification	Cable Material
WB-IS-AC1.0-16AS	16A	3*2.5mm ² + 2*0.75mm ²	/
WB-IS-AC1.0-16AT	16A	5*2.5mm ² + 2*0.75mm ²	/
WB-IS-AC1.0-32AS	32A	3*6mm ² + 2*0.75mm ²	/
WB-IS-AC1.0-32AT	32A	5*6mm ² + 2*0.75mm ²	/



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP44	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE

Model	Rated current	Cable specification	Cable Material
V3-DSIEC2a-G-EV16S	16A	3*2.5mm² + 2*0.75mm²/ 5*2.5mm² + 2*0.75mm²	/
V3-DSIEC2a-G-EV32S	32A	3*6mm² + 2*0.75mm² / 5*6mm² + 2*0.75mm²	/
V3-DSIEC2a-G-EV50S	50A	3*10mm² + 2*0.75mm² / 5*10mm² + 2*0.75mm²	/
V3-DSIEC2a-G-EV60S	60A	3*16mm² + 2*0.75mm² / 5*16mm² + 2*0.75mm²	/



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /415V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP44	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE

Model	Rated current	Cable specification	Cable Material
DSIEC2f-EV16S	16A	3*2.5mm ² + 2*0.75mm ²	/
DSIEC2f-EV16S	16A	5*2.5mm ² + 2*0.75mm ²	/
DSIEC2f-EV32S	32A	3*6mm ² + 2*0.75mm ²	/
DSIEC2f-EV32S	32A	5*6mm ² + 2*0.75mm ²	/



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	/

Model	Rated current	Cable specification	Cable Material
DSIEC2f-EV16S	16A	3*2.5mm ² + 2*0.75mm ²	/
DSIEC2f-EV16S	16A	5*2.5mm ² + 2*0.75mm ²	/
DSIEC2f-EV32S	32A	3*6mm ² + 2*0.75mm ²	/
DSIEC2f-EV32S	32A	5*6mm ² + 2*0.75mm ²	/



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A /40A / 50A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	110V / 240V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	TYPE3S	Standards	IEC62196-2. UL2251
Flame retardant grade	UL94 V-0	Certification	CE, UL

Model	Rated current	Cable specification	Cable Material
V3-DSS-G-EV16S	16A	3*2.5mm ² + 2*0.75mm ²	/
V3-DSS-G-EV32S	32A	5*2.5mm ² + 2*0.75mm ²	/
V3-DSS-G-EV40S	40A	2*8AWG + 1*10AWG + 1*16AWG	/
V3-DSS-G-EV50S	50A	2*8AWG + 1*10AWG + 1*16AWG	/



ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP44	Standards	GB/T 20234
Flame retardant grade	UL94 V-0	Certification	/

Model	Rated current	Cable specification	Cable Material
V3-DSS-G-EV16S	16A	3*2.5mm ² + 2*0.75mm ²	/
V3-DSS-G-EV32S	32A	5*2.5mm ² + 2*0.75mm ²	/
V3-DSS-G-EV40S	40A	2*8AWG + 1*10AWG + 1*16AWG	/
V3-DSS-G-EV50S	50A	2*8AWG + 1*10AWG + 1*16AWG	/



ELECTRICAL PERFORMANCE

Rated Current (DC)	60A / 80A / 125A / 150A / 200A	Insulation Resistance	>2000MΩ(DC1000V)
Rated Current (AC)	32A 250V / 480V AC	Contact Resistance	0.5mΩ Max
Rated Voltage (DC)	1000V DC	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	IEC62196-1 / IEC62196-3
Flame retardant grade	UL94 V-0	Certification	CE

Model	Rated current	Cable specification	Cable Material
WB-II-DC1.0-80A	AC 30A + DC 80A / 60A	2*16mm ² + 1*25mm ² + 4*6mm ² + 6*0.75mm ²	/
WB-II-DC1.0-125A	AC 30A + DC 125A	2*35mm ² + 1*25mm ² + 4*6mm ² + 6*0.75mm ²	/
WB-II-DC1.0-150A	AC 30A + DC 150A	2*50mm ² + 1*25mm ² + 4*6mm ² + 6*0.75mm ²	/
WB-II-DC1.0-200A	AC 30A + DC 200A	2*70mm ² + 1*25mm ² + 4*6mm ² + 6*0.75mm ²	/



ELECTRICAL PERFORMANCE

Rated Current	80A / 125A / 150A / 200A	Insulation Resistance	>2000MΩ(DC1000V)
Rated Current (AC)	60A 110V / 240V AC	Contact Resistance	0.5mΩ Max
Rated Voltage (DC)	600V DC	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	IEC62196-3, UL2251
Flame retardant grade	UL94 V-0	Certification	CE

Model	Rated current	Cable specification	Cable Material
DSIEC3j-EV80S	AC 60A + DC 80A	2*5AWG+1*8AWG+6*20AWG	/
DSIEC3j-EV125S	AC 60A + DC 125A	2*35mm² + 1*16mm² + 1*10mm² + 8*0.75mm²	/
DSIEC3j-EV150S	AC 60A + DC 150A	2*50mm² + 3*6mm² + 8*0.75mm²	/
DSIEC3j-EV200S	AC 60A + DC 200A	2*70mm² + 3*6mm² + 8*0.75mm²	/



ELECTRICAL PERFORMANCE

Rated Current:	80A / 125A / 150A / 200A	Insulation Resistance	>2000MΩ(DC1000V)
Rated Current (AC):	16A/32A / 60A 110V / 240V AC	Contact Resistance	0.5mΩ Max
Rated Voltage (DC):	600V DC	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	TYPE3S	Standards	IEC62196-3, UL2251
Flame retardant grade	UL94 V-0	Certification	CE, UL

Model	Rated current	Cable specification	Cable Material
V2-DSIEC3j-G-EV80S60	AC 60A + DC 80A	2*5AWG+3*8AWG+6*20AWG	/
V2-DSIEC3j-G-EV150S60	AC 60A + DC 150A	2*1AWG+3*6AWG+8*20AWG	/
V2-DSIEC3j-G-EV200S60	AC 60A + DC 200A	2*2/0AWG+3*6AWG+8*20AWG	/
/	/	/	/



ELECTRICAL PERFORMANCE

Rated Current:	125A / 150A / 200A	Insulation Resistance	>2000MΩ(DC1000V)
Rated Voltage:	600V DC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP67	Standards	IEC62196-3
Flame retardant grade	UL94 V-0	Certification	CE

Model	Rated current	Cable specification	Cable Material
DSIEC3a-G-EV125S	125A	2*35mm² + 11*0.75mm²	/
DSIEC3a-G-EV150S	150A	2*8AWG + 1*10AWG + 1*16AWG	/
DSIEC3a-G-EV200S	200A	2*70mm² + 11*0.75mm²	/
/	/	/	/



ELECTRICAL PERFORMANCE

Rated Current	80A / 125A / 200A / 250A	Insulation Resistance	>2000MΩ(DC1000V)
Rated Voltage	750V DC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	3000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	70N<F<140N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP54	Standards	GB/T 20234
Flame retardant grade	UL94 V-0	Certification	/

Model	Rated current	Cable specification	Cable Material
SK-GBT-DCS-080A	80A	2*20mm ² + 1*25mm ² + 2*4mm ² + 7*0.75mm ²	/
SK-GBT-DCS-125A	125A	2*35mm ² + 1*25mm ² + 2*4mm ² + 7*0.75mm ²	/
SK-GBT-DCS-200A	200A	2*70mm ² + 1*25mm ² + 2*4mm ² + 7*0.75mm ²	/
SK-GBT-DCS-250A	250A	2*95mm ² + 1*25mm ² + 2*4mm ² + 7*0.75mm ²	/

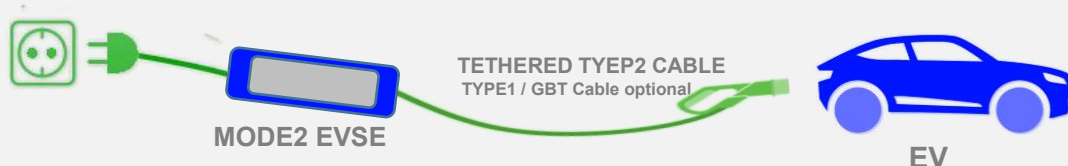


EV CHARGING CABLE

MODE 2 AND MODE 3

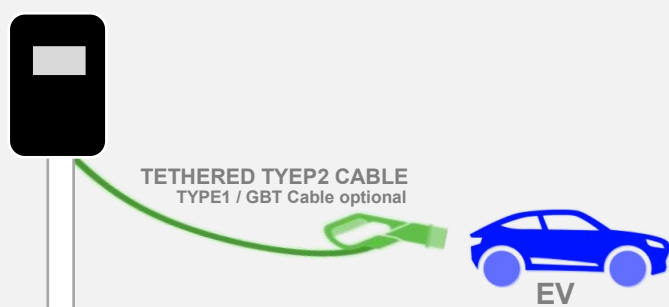
IEC 62196 / SAE J1772 / GB T 2023

MODE 2 including the EV charging connectors (plugs) and sockets (inlet), enable the connection of an electric vehicle to a power supply.

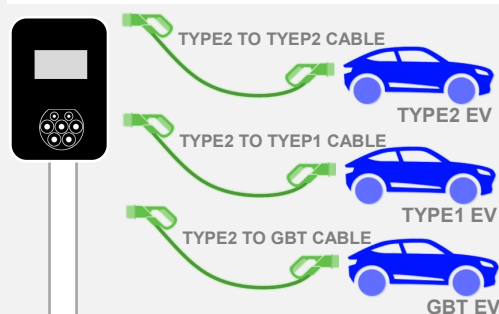


MODE 3 charging is the preferred and safest solution for electric vehicle charging with full control and protections built in. Mode 3 EV chargers are defined in two configurations, either with a tethered cable or an IEC 62196 Type 2 dedicated socket outlet.

MODE3 EVSE WITH TETHERED CABLE - CASEC



MODE3 EVSE WITH TYPE2 SOCKET - CASEB





PRODUCT INFORMATION

Rated Voltage	110V / 250V AC	EV Charging Mode	Mode 2
10A Model	10A	Cable Length	5M or Customized
16A Model	16A	Case material	Thermoplastic
Plug type (to vehicle socket)	Type2 / or Type1 /or GB/T	Operating temperature	-25℃ to + 55℃
Plug type (to power socket)	Schuko or CEE or Others	Impact of External Force	1M drop and 2T run over

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection(A)	✓

STANDARDS

Control Box IP rating	IP65	Standards	EN62752 / IEC61851
Flame retardant grade	UL94 V-0	Certification	CE

Model	Rated current	Cable specification	Cable Material
WB-IP2-AC1.0-16A	16A	3*2.5mm² + 1*0.5mm²	TPE / TPU
WB-SP2-AC1.0-16A	16A	3*2.5mm² + 1*0.5mm²	TPE / TPU
/	/	/	/
/	/	/	/



PRODUCT INFORMATION

Rated Voltage	110V / 250V AC	EV Charging Mode	Mode 2
16A Adjustable Model	6A-8A-10A-13A-16A	Cable Length	5M or Customized
32A Adjustable Model	10A-16A-20A-24A-32A	Case material	Thermoplastic
Plug type (to vehicle socket)	Type2 / or Type1 /or GBT	Operating temperature	-25℃ to + 55℃
Plug type (to power socket)	Schuko or CEE or Others	Impact of External Force	1M drop and 2T run over

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection(A)	✓

STANDARDS

Control Box IP rating	IP66	Standards	EN62752 / IEC61851
Flame retardant grade	UL94 V-0	Certification	CE

Model	Rated current	Cable specification	Cable Material
SK-IECV1-IC-CPD-1PA	16A	3*2.5mm ² + 1*0.5mm ²	TPE / TPU
SK-IECV1-IC-CPD-1PA	32A	3*6mm ² + 1*0.5mm ²	TPE / TPU
SK-SAEV1-IC-CPD-1PA	16A	3*2.5mm ² + 1*0.5mm ²	TPE / TPU
SK-SAEV1-IC-CPD-1PA	32A	3*6mm ² + 1*0.5mm ²	TPE / TPU



EV SIDE PLUG

TYPE2
FEMALE

TYPE2
MALE

EVSE SIDE PLUG

ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
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STANDARDS

IP Rating	IP55	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE, UKCA

Model	Rated current	Cable specification	Cable Material
T2-T2-16A-1P	16A	3*2.5mm ² + 1*0.5mm ² / 3*2.5mm ² + 2*0.5mm ²	TPE / TPU
T2-T2-16A-3P	16A	5*2.5mm ² + 1*0. mm ² / 5*2.5mm ² + 2*0.5mm	TPE / TPU
T2-T2-32A-1P	32A	3*6mm ² + 1*0.5mm ² / 3*6mm ² + 2*0.5mm	TPE / TPU
T2-T2-32A-3P	32A	5*6mm ² + 1*0.5mm ² / 5*6mm ² + 2*0.5mm	TPE / TPU



EV SIDE PLUG

TYPE2
FEMALETYPE1
FEMALE

EVSE SIDE PLUG

ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
---------------	---------------	----------	-----------------------------

STANDARDS

IP Rating	IP55	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE

Model	Rated current	Cable specification	Cable Material
T2-T1-16A-1P	16A	3*2.5mm ² + 1*0.5mm ² / 3*2.5mm ² + 2*0.5mm ²	TPE / TPU
T2-T1-32A-1P	32A	3*6mm ² + 1*0.5mm ² / 3*6mm ² + 2*0.5mm ²	TPE / TPU
/	/	/	/
/	/	/	/



EV SIDE PLUG

TYPE2
MALE

GB/T
MALE

EVSE SIDE PLUG

ELECTRICAL PERFORMANCE

Rated Current	16A / 32A	Insulation Resistance	> 1000MΩ(DC500V)
Rated Voltage	250V /480V AC	Contact Resistance	0.5mΩ Max
Terminal Temperature Rise	<50K	Withstand Voltage	2000V

MECHANICAL PROPERTIES

Mechanical Life	> 10000 times	Coupled Force	45N<F<100N
Impact of External Force	1M drop and 2T run over	Operating Temperature	-30℃- + 50℃

MATERIALS

Case material	Thermoplastic	Terminal	Copper alloy,silver plating
---------------	---------------	----------	-----------------------------

STANDARDS

IP Rating	IP54	Standards	IEC62196-1 / IEC62196-2
Flame retardant grade	UL94 V-0	Certification	TUV CE

Model	Rated current	Cable specification	Cable Material
T2-GB-16A-1P	16A	3*2.5mm ² + 1*0.5mm ² / 3*2.5mm ² + 2*0.5mm ²	TPU
T2-GB-16A-3P	16A	5*2.5mm ² + 1*0. mm ² / 5*2.5mm ² + 2*0.5mm ²	TPU
T2-GB-32A-1P	32A	3*6mm ² + 1*0.5mm ² / 3*6mm ² + 2*0.5mm ²	TPU
T2-GB-32A-3P	32A	5*6mm ² + 1*0.5mm ² / 5*6mm ² + 2*0.5mm ²	TPU



EV CHARGING ADAPTERS

AC AND DC

IEC 62196 / SAE J1772 / GB/T 2023

EV Charging Adapters are a great solution for drivers that charge vehicles to a different Type, or purchase another EV or PHEV of a different Type.

Simply connect the one end of the adapter to the charging station side tethered cable and then plug the another end of adapter into the vehicle, and start charging! without the need to make any change of the charging station!



TYPE2 TO TYPE1 ADAPTER

TYPE2 MALE
EVSE SIDETYPE1 FEMALE
EV SIDE

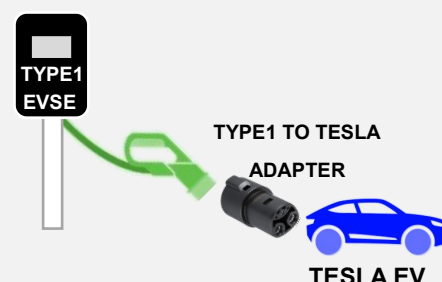
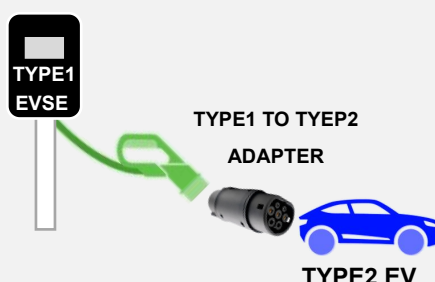
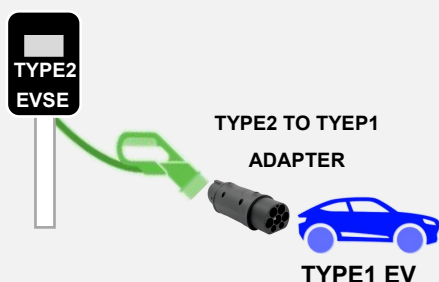
TYPE1 TO TYPE2 ADAPTER

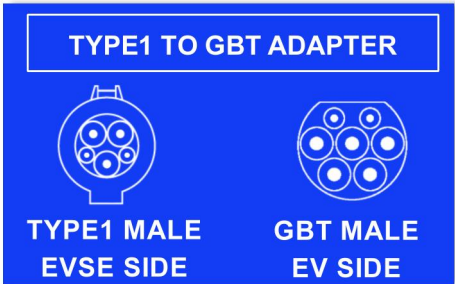
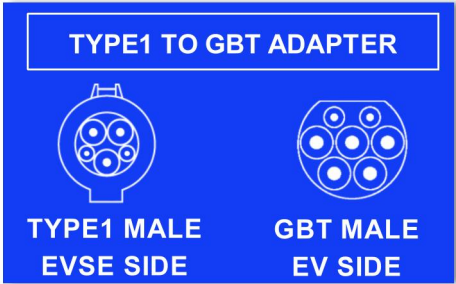
TYPE1 MALE
EVSE SIDETYPE2 MALE
EV SIDE

TYPE1 TO TESLA ADAPTER

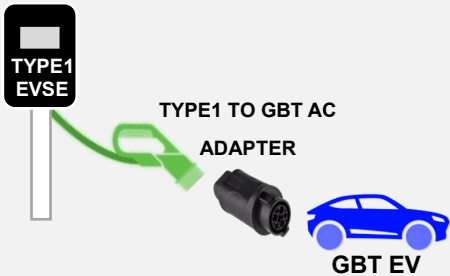
TYPE1 FEMALE
EVSE SIDETYPE2 MALE
EV SIDE

Product Name	TYPE2 TO TYPE1 ADAPTER	TYPE1 TO TYPE2 ADAPTER	TYPE1 TO TESLA ADAPTER
Rated Current	32A	32A	60A
Rated Voltage	250V AC	250V AC	240V AC
Case material	Thermoplastic	Thermoplastic	Thermoplastic
Terminal	Copper alloy,silver plating	Copper alloy,silver plating	Copper alloy,silver plating
Flame retardant grade	UL94 V-0	UL94 V-0	UL94 V-0
Coupled Force	45N<F<100N	45N<F<100N	45N<F<100N
Impact of External Force	1M drop and 2T run over	1M drop and 2T run over	1M drop and 2T run over
Operating Temperature	-30℃- + 50℃	-30℃- + 50℃	-30℃- + 50℃
Cable Length	No visual cable design	No visual cable design	No visual cable design
Cable specification	3*5mm ² + 1*0.5mm ²	3*5mm ² + 1*0.5mm ²	/
Application	Charging a type1 EV on a type2 EVSE	Charging a type2 EV on a type1 EVSE	Charging a TESLA EV on a type1 EVSE
IP Rating	IP55(mating)	IP55(mating)	IP55(mating)
Certification	CE	CE	CE





Rated Current	TYPE1 TO GBT ADAPTER	TYPE1 TO GBT ADAPTER
Rated Current	16A / 32A	16A / 32A
Rated Voltage	250V AC	250V AC
Case material	Thermoplastic	Thermoplastic
Terminal	Copper alloy,silver plating	Copper alloy,silver plating
Flame retardant grade	UL94 V-0	UL94 V-0
Coupled Force	45N<F<100N	45N<F<100N
Impact of External Force	1M drop and 2T run over	1M drop and 2T run over
Operating Temperature	-30℃- + 50℃	-30℃- + 50℃
Cable Length	No visual cable design	0.5M Or Customized
Cable specification	3*2.5mm ² + 1*0.5mm ²	3*2.5mm ² + 1*0.5 mm ²
	/	/
	3*5mm ² + 1*0.5 mm ²	3*5mm ² + 1*0.5 mm ²
	/	/
Application	Charging a GBT EV on a type1 EVSE	Charging a GBT EV on a type1 EVSE
IP Level	IP55(mating)	IP55(mating)
Certification	CE	CE





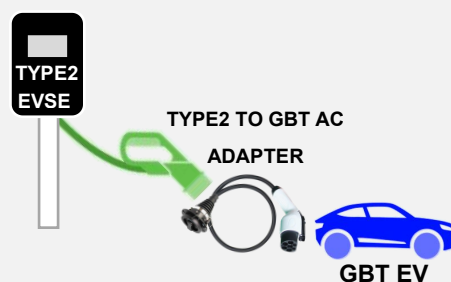
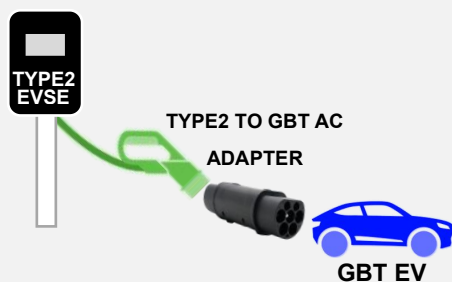
TYPE2 TO GBT ADAPTER

TYPE2 MALE
EVSE SIDEGBT MALE
EV SIDE

TYPE2 TO GBT ADAPTER

TYPE2 MALE
EVSE SIDEGBT MALE
EV SIDE

Rated Current	TYPE2 TO GBT ADAPTER	TYPE2 TO GBT ADAPTER
Rated Current	16A / 32A	16A / 32A
Rated Voltage	250V / 440V AC	250V / 440V AC
Case material	Thermoplastic	Thermoplastic
Terminal	Copper alloy,silver plating	Copper alloy,silver plating
Flame retardant grade	UL94 V-0	UL94 V-0
Coupled Force	45N<F<100N	45N<F<100N
Impact of External Force	1M drop and 2T run over	1M drop and 2T run over
Operating Temperature	-30℃- + 50℃	-30℃- + 50℃
Cable Length	No visual cable design	0.5M Or Customized
Cable specification	3*2.5mm ² + 1*0.5mm ²	3*2.5mm ² + 1*0.5mm ²
	5*2.5mm ² + 1*0.5 mm ²	5*2.5mm ² + 1*0.5 mm ²
	3*5mm ² + 1*0.5 mm ²	3*5mm ² + 1*0.5 mm ²
	5*6mm ² + 1*0.5 mm ²	5*6mm ² + 1*0.5 mm ²
Application	Charging a GBT EV on a type2 EVSE	Charging a GBT EV on a type2 EVSE
IP Rating	IP55(mating)	IP55(mating)
Certification	CE	CE

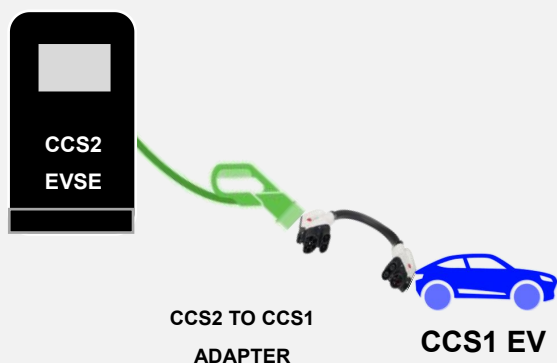


DC SERIES

CCS1 / CCS2



Product Name	CCS2 TO CCS1 ADAPTER	CCS1 TO CCS2 ADAPTER
Rated Current	150A	150A
Rated Voltage	600V DC	600V DC
Case material	Thermoplastic	Thermoplastic
Terminal	Copper alloy,silver plating	Copper alloy,silver plating
Flame retardant grade	UL94 V-0	UL94 V-0
Coupled Force	45N<F<100N	45N<F<100N
Impact of External Force	1M drop and 2T run over	1M drop and 2T run over
Operating Temperature	-30℃- + 50℃	-30℃- + 50℃
Cable Length	0.5M Or Customized	No visual cable design
Cable specification	2*50mm ² + 1*25mm ² + 4*6mm ² + 6*0.75mm ²	2*50mm ² + 1*25mm ² + 4*6mm ² + 6*0.75mm ²
Application	Charging a CCS1 EV on a CCS2 EVSE	Charging a CCS2 EV on a CCS1 EVSE
IP Rating	IP55(mating)	IP55(mating)
Certification	CE	CE





CHADEMO TO GBT



**CHADEMO FEMALE
EVSE SIDE**



**GBT MALE
EV SIDE**

CCS2 TO GBT



**CCS2 MALE
EVSE SIDE**



**GBT MALE
EV SIDE**

CCS1 TO GBT

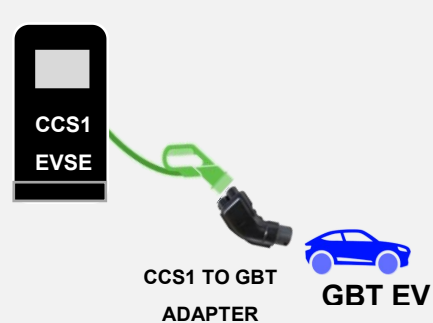
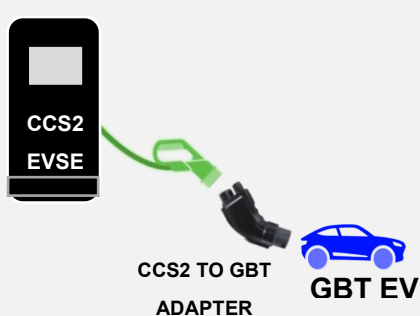
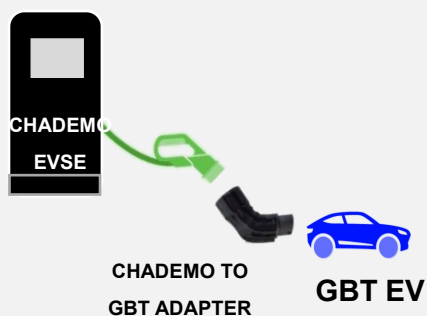


**CCS1 MALE
EVSE SIDE**



**GBT MALE
EV SIDE**

Product Name	CHADEMO TO GBT ADAPTER	CCS2 TO GBT ADAPTER	CCS1 TO GBT ADAPTER
Rated Current	125A	200A	200A
Rated Voltage	500V DC	950V DC	950V DC
Case material	Thermoplastic	Thermoplastic	Thermoplastic
Terminal	Copper alloy,silver plating	Copper alloy,silver plating	Copper alloy,silver plating
Flame retardant grade	UL94 V-0	UL94 V-0	UL94 V-0
Coupled Force	45N<F<100N	45N<F<100N	45N<F<100N
Impact of External Force	1M drop and 2T run over	1M drop and 2T run over	1M drop and 2T run over
Operating Temperature	-30℃- + 50℃	-30℃- + 50℃	-30℃- + 50℃
Cable Length	No visual cable design	No visual cable design	No visual cable design
Cable specification	/	/	/
Application	Charging a GBT1 EV on a CHADEMO EVSE	Charging a GBT EV on a CCS2 EVSE	Charging a GBT EV on a CCS1 EVSE
IP Rating	IP 55(mating)	IP 55(mating)	IP 55(mating)
Certification	CE	CE	CE





EV CHARGING STATION

LEVEL 2 / LEVEL 3

AC EVSE DC EVSE

LEVEL 2 charging is the most commonly used level for daily EV charging. Level 2 charging equipment can be installed at home, at the workplace, as well as in public locations like shopping plazas, train stations and other destinations. Level 2 charging can replenish between 12 and 80 miles of range per hour, depending on the power output of the Level 2 charger, and the vehicle's maximum charge rate.

Level2 EV charging station has enabled thousand of people to devote to zore-emission development of city. AC slow charging station is good for short distance travel and economic drive cost.

LEVEL 3 charging is the fastest type of charging available and can recharge an EV at a rate of 3 to 20 miles of range per minute. Unlike Level 1 and Level 2 charging that uses alternating current (AC), Level 3 charging uses direct current (DC).

With the vision is to shorten the waiting time of charging, to make peoples can drive the EV for long trip travel, Level3 DC EV charging station is the best choice.



PRODUCT INFORMATION

EV Charging Mode	Mode3	Model Number	SK-T6ACE0
Single Phase Model	230V AC $\pm$ 10%, 16A 3.5KW	HMI	Three colors LED light
	230V AC $\pm$ 10%, 32A 7.3KW		4.3 inch colourful display screen
Three Phase Model	380V AC $\pm$ 10%, 16A 11KW		Emergency stop button
	380V AC $\pm$ 10%, 32A 22KW	RCD	RCD TYPEA
Start/ Stop Method	RFID Card / Plug and Play		Or RCDTYPEA+6ma DC optional
Outlet (Connector)	Fixed Plug+5 M Cable (CASE C) or Customized cable Length	Customized	Brand Customized
	Type2 Socket only (CASE B)		Package Customized
Internet	WiFi / APP optional	Load Manage	Type2 / Type1/ GBT Plug option
Dimension	240*95*350mm (W*D*H)	Weight	optional
			6KG (7KW) / 8KG (22KW)

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

EV&EVSE Communication	PWM	Standards	IEC 61851-1:2017, IEC 62196-1, IEC62196-2
Control Box IP rating	IP54	Certification	CE
Operate temp	-25℃ to + 50℃	Humidity	5% to 95% , no condensation
Storage temp	-30℃ to + 70℃	Altitude	<2000 M



PRODUCT INFORMATION

EV Charging Mode	Mode3	Model Number	SK-ACE1
Single Phase Model	230V AC $\pm 15\%$, 32A 7.3KW	HMI	Four colors LED light
Three Phase Model	380V AC $\pm 15\%$, 32A 22KW		4.3 inch colourful touch screen
Start/ Stop Method	RFID Card / APP / Credit Card		USB firmware update interface
Outlet (Connector)	Fixed Plug+3.5 M Cable (CASE C) or Customized cable Length		MID Energy Meter
	Type2 Socket only (CASE B)	RCD	Emergency stop button
OCPP	OCPP 1.6j	Customized	RCD TYPEA+6ma DC (RCD TypeB))
Internet	WiFi / Ethernet/ 4G option		Brand Customized
Payment Method	RFID card / APP/ Credit Card		Type2 / Type1/ GBT Plug option
Dimension	285*150*410mm (W*D*H)	Weight	Dynamic load manage optional
			6KG (7KW) / 8KG (22KW)

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

EV&EVSE Communication	PWM	Standards	IEC 61851-1:2017, IEC 62196-1, IEC62196-2
Control Box IP rating	IP65 / IK08	Certification	DEKRA CE, TR25
Operate temp	-25°C to + 50°C	Humidity	5% to 95% , no condensation
Storage temp	-30°C to + 70°C	Altitude	<2000 M



PRODUCT INFORMATION

EV Charging Mode	Mode3	Model Number	Charger in development process
Single Phase Model	230V AC $\pm$ 15%, 2* 32A 14KW	HMI	Four colors LED light
Three Phase Model	380V AC $\pm$ 15%, 2* 32A 44KW		4.3 inch colourful touch screen
Start/ Stop Method	RFID Card / APP / Credit Card		USB firmware update interface
Outlet (Connector)	Fixed Plug+3.5 M Cable (CASE C) or Customized cable Length		MID Energy Meter
	Type2 Socket only (CASE B)	RCD	Emergency stop button
OCPP	OCPP 1.6j	Customized	RCD TYPEA+6ma DC (RCD TypeB))
Internet	WiFi / Ethernet/ 4G option		Brand Customized
Payment Method	RFID card / APP/ Credit Card		Type2 / Type1/ GBT Plug option
Dimension	350*180*500mm (W*D*H)	Weight	Dynamic load manage optional
			/

PROTECTIONS

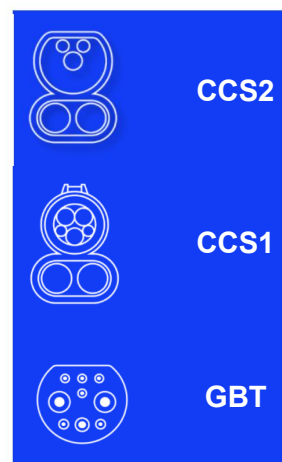
Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

EV&EVSE Communication	PWM	Standards	IEC 61851-1:2017, IEC 62196-1, IEC62196-2
Control Box IP rating	IP65 / IK08	Certification	DEKRA CE, TR25
Operate temp	-25℃ to + 50℃	Humidity	5% to 95% , no condensation
Storage temp	-30℃ to + 70℃	Altitude	<2000 M

DC SERIES

PUBLIC/ SMART HOME



PRODUCT INFORMATION

EV Charging Mode	Mode4			Model Number	RSDC1000 Series
Input Voltage	380V AC± 15%,3phase+N+PE			HMI	LED light
Frequency	45-65HZ				4.3-inch color touch screen
Power Factor	≥0.98				Emergency stop button
THDi	≤5%				Fixed Plug+5 M Cable
Rated Power	20KW	30KW	40KW	OCPP Protocol	OCPP 1.6j
Max Output Current	100A			Internet	4G / Ethernet (Ethernet)
DC Output Voltage	200-1000V DC			Customized	Brand Customized
Efficiency	≥96%				CCS2/ CCS1/ GBT option
Communication Interface	OCPP1.6, 4G+LAN, RFID & APP control				Charging cable Length
Weight	20~45KG			Dimension	650*470*252mm

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

Control Box IP rating	IP54	Standards	IEC61851-1
Operate temp	-20℃ to + 50℃	Noise (dB)	<65
Storage temp	-40℃ to + 70℃	Humidity	<2000 M, 5% to 95% , no condensation



PRODUCT INFORMATION

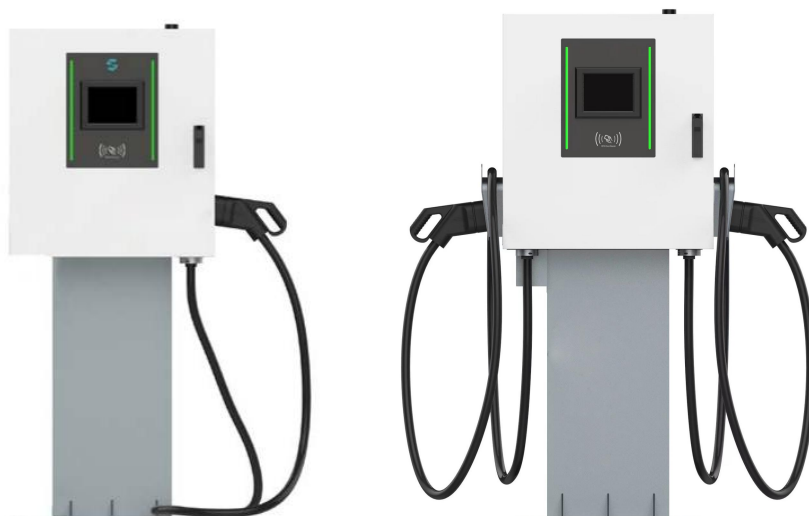
EV Charging Mode	Mode4		Model Number	GSCS750 Series
Input Voltage (EU)	400V AC±20%,3phase+N+PE		HMI	LED light
Frequency	50/60HZ			4.3-inch color touch screen
Power Factor	≥0.98			Emergency stop button
THDi	≤5%			Fixed Plug+5 M Cable (Case C)
Rated Power	20KW	30KW	OCPP Protocol	OCPP 1.6j
DC Output Current	60A	100A	Internet	4G / Ethernet (Ethernet)
DC Output Voltage	200-750V DC		Customized	Brand Customized
Efficiency	≥96%			CCS2/ CCS1/ GBT/ CHADEMO option
Charging selection	Plug and play, timing, reservation, payment, etc			Charging cable Length
Weight	35KG/45KG		Dimension	645*454*170mm

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

Control Box IP rating	IP54	Standards	IEC61851-1
Operate temp	-20℃ to + 50℃	Certification	CE
Storage temp	-30℃ to + 70℃	Humidity	<2000 M, 5% to 95% , no condensation



PRODUCT INFORMATION

EV Charging Mode	Mode4		Model Number	GSCS750 Series
Input Voltage (EU)	400V AC±15%,3phase+N+PE		HMI	LED light
Frequency	45-65HZ			8-inch LCD
Power Factor	≥0.98			Emergency stop button
THDi	≤5%			Fixed Plug+5 M Cable (Case C)
Rated Power	30KW	60KW	OCPP Protocol	OCPP 1.6j
DC Output Current	60A	100A	Internet	4G / Ethernet (Ethernet)
DC Output Voltage	200-1000V DC		Customized	Brand Customized
Efficiency	≥96%			CCS2/ CCS1/ GBT/ CHADEMO option
Payment Method	RFID card / APP/ Credit Card			Charging cable Length
Weight	80KG		Dimension	690*355*770
Note	30kw with 1 plug/60kw with 2 plugs		Mounting type	Wallbox/Floor-mounted

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

Control Box IP rating	IP55	Standards	IEC61851
Operate temp	-30℃ to +55℃	Certification	CE
Storage temp	-40℃ to +70℃	Humidity	<2000 M, 5% to 95% , no condensation



PRODUCT INFORMATION

EV Charging Mode	Mode3 Mode4	Model Number	SK-ACDC Series
Input Voltage (EU)	400V AC $\pm 15\%$, 3phase+N+PE	HMI	LED light
Frequency	50/60HZ		7-inch LCD
Power Factor	≥ 0.98		Emergency stop button
THDi	$\leq 5\%$		Fixed Plug+5 M Cable (Case C)
Rated Power	52KW(30KW DC+22KW AC)	OCPP Protocol	OCPP 1.6j
DC Output Voltage	200-1000V DC	Customized	Brand Customized
Efficiency	$\geq 96\%$		CCS/ GBT/ CHADEMO
Payment Method	RFID card / APP/ Credit Card		Type1/Type2/GBT option
Weight	/	Dimension	600*260*2100(with pole)
Note	2 DC plugs+ 1 AC plug	Mounting type	Wallbox/Floor-mounted

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

Control Box IP rating	IP55	Standards	IEC61851-1
Operate temp	-30℃ to + 55℃	Certification	CE
Storage temp	-40℃ to + 70℃	Humidity	<2000 M, 5% to 95% , no condensation



PRODUCT INFORMATION

EV Charging Mode	Mode4			Model Number	VC Series 30KW/40KW/60KW
AC Input Voltage	380V AC±10%,3phase+N+PE			HMI	LED light
Frequency	45-65HZ				7 inch colourful touch screen
Power Factor	≥0.99				Emergency stop button
Rated Power	30KW	40KW	60KW	Outlet (Connector)	Fixed Plug+5M Cable (Case C)
DC Output Current	0-100A	0-133A	0-200A	Customized	Brand Customized
DC Output Voltage	200-1000V DC				CCS2/ CCS1/ GBT/ CHADEMO option
Efficiency	≥96%				Charging cable Length
Internet	4G/WIFI/Ethernet				Credit Card Reader optional
Charging mode	Plug and play、OCPP 1.6			Dimension	690x240x1350mm（W*D*H）

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

Control Box IP rating	IP54	Certification	CE
Operate temp	-20°C to + 50°C	Humidity	5% to 95% , no condensation
Storage temp	-30°C to + 70°C	Altitude	<2000 M



PRODUCT INFORMATION

EV Charging Mode	Mode4		Model Number	/
AC Input Voltage	Range: 300-465V AC; Rated 380V		HMI	LED light / 4.3inch display screen
Frequency	50HZ			Emergency stop button
Power Factor	≥0.99		Outlet (Connector)	Fixed Plug+5 M Cable (Case C)
THDi	≤5%		Customized	Brand Customized
Rated Power	15KW	30KW		CCS2/ CCS1/ GBT/ CHADEMO option
DC Output Current	37.5A	0-100A		Charging cable Length
DC Output Voltage	200-750V DC		Start /Stop Method	Plug and Play
Efficiency	≥95%		Dimension	635*295*500（W*D*H）

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

EV&EVSE Communication	DIN 70121 / CAN	Standards	EN 61851-21-2: 2017, IEC 61851-21-2: 2018
Control Box IP rating	IP54	Certification	CE
Operate temp	-25℃ to + 50℃	Humidity	5% to 95% , no condensation
Storage temp	-30℃ to + 70℃	Altitude	<2000 M



PRODUCT INFORMATION

EV Charging Mode	Mode4			Model Number	ANDCE1-30KW/45KW/60KW
AC Input Voltage	400V AC±10%,3phase+N+PE			HMI	LED light
Frequency	50/60HZ				7 inch colourful touch screen
Power Factor	≥0.98				USB firmware update interface
THDi	≤5%				Emergency stop button
Rated Power	30KW	45KW	60KW	Outlet (Connector)	Fixed Plug+5 M Cable (Case C)
DC Output Current	0-80A	0-100A	0-125A	Customized	Brand Customized
DC Output Voltage	200-750V DC				CCS2/ CCS1/ GBT/ CHADEMO option
Efficiency	≥96%				Charging cable Length
Internet	4G / Ethernet (Ethernet)				Credit Card Reader optional
OCPP Protocol	OCPP 1.6j			RFID System	ISO 14443A, MIFARE DESFire EV1
Payment Method	RFID card / APP/ Credit Card			Dimension	700*450*1900mm（W*D*H）

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

EV&EVSE Communication	DIN 70121 / CAN	Standards	EN 61851-21-2: 2017, IEC 61851-21-2: 2018
Control Box IP rating	IP54	Certification	DEKRA CE
Operate temp	-25°C to + 50°C	Humidity	5% to 95% , no condensation
Storage temp	-30°C to + 70°C	Altitude	<2000 M



PRODUCT INFORMATION

EV Charging Mode	Mode4				Model Number	GSCS750 Series
Input Voltage (EU)	400V AC±20%,3phase+N+PE				HMI	LED light
Input Voltage (US)	480V AC±10%,3phase+N+PE					7 inch colourful touch screen
Frequency	50/60HZ					USB firmware update interface
Power Factor	≥0.98					Emergency stop button
THDi	≤5%					Fixed Plug+5 M Cable (Case C)
Rated Power	60KW	90KW	120KW	150KW	OCPP Protocol	OCPP 1.6j
DC Output Current	200A	200A	200A	200A	Internet	4G / Ethernet (Ethernet)
DC Output Voltage	200-1000V DC				Customized	Brand / Color Customized
Efficiency	≥96%					CCS2/ CCS1/ GBT/ CHADEMO option
Payment Method	RFID card / APP/ Credit Card					Charging cable Length
RFID System	ISO 14443A, MIFARE DESFire EV1					Credit Card Reader optional
Note:	2 guns simultaneously charging				Dimension /Weight	700*640*1815mm(W*D*H) / 300KG

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

EV&EVSE Communication	DIN 70121 / ISO 15118 /CAN	Standards	EN61851-23: 2014,EN61851-1: 2010
Control Box IP rating	IP54		IEC61851-1: 2017,IEC 61851-21-2: 2018
Operate temp	-25℃ to + 50℃	Certification	TUV CE
Storage temp	-30℃ to + 70℃	Humidity	<2000 M, 5% to 95% , no condensation



PRODUCT INFORMATION

EV Charging Mode	Mode3 / Mode4			Model Number	GSCS Series
AC Input Voltage	400V AC± 20%,3phase+N+PE			HMI	LED light
Frequency	50/60HZ				7 inch colourful touch screen
Power Factor	≥0.98				USB firmware update interface
THDi	≤5%				Emergency stop button
Connectors	TYPE2	CCS2	CHADEMO	Outlet (Connector)	Fixed Plug+5 M Cable (Case C)
Rated Power	22KW	60KW/120KW		OCPP Protocol	OCPP 1.7j (1.8j), 4G / Ethernet
Output Current	32A	0 -200A		Customized	Brand / Color Customized
DC Output Voltage	400V AC	150-1000 VDC			Charging cable Length
Efficiency	≥95%				Credit Card Reader optional
Payment Method	RFID card / APP/ Credit Card				COMBO CCS1 / TYPE1 optional
Note:	3 guns simultaneously charging			Dimension /Weight	687*477*1600mm(W*D*H) / 300KG

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

EV&EVSE Communication	DIN 70121 / ISO 15118 /CAN	Standards	EN61851-23: 2014,EN61851-1: 2011 IEC61851-1: 2017,IEC 61851-21-2: 2018
Control Box IP rating	IP55	Certification	TUV CE
Operate temp	-30℃ to + 60℃	Humidity	5% to 95% , no condensation
Storage temp	-40℃ to + 70℃	Altitude	<2000 M



PRODUCT INFORMATION

EV Charging Mode	Mode4	Model Number	Series
Input Voltage (EU)	380V AC $\pm 15\%$, 3phase+N+PE	HMI	LED light
Frequency	45-65HZ		7-inch LCD
Power Factor	≥ 0.98		Emergency stop button
THDi	$\leq 5\%$		Fixed Plug+5 M Cable (Case C)
Rated Power	60KW 80KW	OCPP Protocol	OCPP 1.6j
DC Output Current	0-250A(Single plug)	Internet	4G / Ethernet (Ethernet)
DC Output Voltage	200-1000V DC	Customized	Brand Customized
Efficiency	$\geq 96\%$		CCS2/ CCS1/ GBT option
Payment Method	RFID card / APP/ Credit Card		Charging cable Length
Weight	80KG	Dimension	810*511*1686mm
Note	30kw with 1 plug/60kw with 2 plugs	Mounting type	Floor-mounted

PROTECTIONS

Over-current protection	✓	Over-voltage protection	✓
Overheat protection	✓	Under-voltage protection	✓
Grounding protection	✓	Leakage protection	✓

STANDARDS

Control Box IP rating	IP54	Standards	IEC61851
Operate temp	-20℃ to + 50℃	Certification	CE
Storage temp	-40℃ to + 70℃	Humidity	<2000 M, 5% to 95% , no condensation