

AC EV Charger Connector



Type 1 EV Plug(SAE J1772)



Type 2 Female EV Plug



Type 2 Male EV Plug

Product Feature

Meet SAE J1772-2010 Standard and IEC 62196-2 Standard
Nice appearance,hand-held ergonomic design,easy plug
Thermoplastic,Flame Retardant Grade UL94 V-0
Terminal Material:Copper Alloy Silver Plating
TUV,UL&CE Certificate

Mechanical Life no-load plug in/pull out >10000 times
Excellent protection performance,protection grade IP54
Can afford 1m drop and 2t vehicle run over pressure Impat Force:
Reliability of materials,antiflaming,presure-resistant,abrasion resistance,impact resistance and high oil

Electrical Performance

tem	Tvpe1J1772 EV Pug	Type 2 Female EV Plug	Type 2 Male EV Plug
Standard	SAE J1772-2010	EC 62196-2	IEC 62196-2
Rated Current	16A, 32A, 40A, 48A, 80A	16A, 32A, 63A(Single/Three Phase	16A, 32A(Single /Three Phase)
Operation Voltage	AC 120V/AC 240V	AC 250V/AC 480V	AC 250V/AC 480V
Insulation Resistance	>1000MQ(DC 500V)	>1000MQ (DC 500V)	>1000MQ (DC 500V)
Withstand Voltage	2000V	2000V	2000V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	<50K	<50K	<50K
Operating Temperature	-30° C~+50° C	30° C~+50° C	30° C~+50° C
Coupled Insertion Force	>45N<80N	>45N<80N	>45N<80N
Impact Insertion Force	>300N	>300N	>300N
Waterproof Degree	IP55	IP55	P55
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0
Certification	TUV,CE UL Approved	TUV,CE Approved	TUV,CE Approved

AC EV Charger Socket



Type 1 EV Socket



Type 2 Male EV Socket



Type 2 Female EV Socket

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Reliability of materials,antiflaming,presure-resistant,abrasion resistance,impact resistance and high oil

Electrical Performance

Item	Type 1 EV Socket	Type 2 Male Inlet Socket	Type 2 Female Outlet Socket
Standard	SAE J1772-2010	IEC 62196-2	IEC 62196-2
Rated current	16A, 32A, 40A, 50A, 80A	16A, 32A, 50A	16A. 32A, 63A
Operation Voltage	AC 120V /240V	AC 250V /480V	AC 250V /480V
Insulation Resistance	>1000MΩ (DC 500V)	>1000MQ (DC 500V)	>1000MΩ (DC 500V)
Withstand Voltage	2000V	2000V	2000V
Contact Resistance	05mO Ma	05mQ May	05mQ Max
Terminal Temperature Rise	<50K	<50K	<50K
Operating Temperature	30° C~+50° C	30° C~+50° C	-30° C~+50° C
Coupled Insertion Force	>45N<80N	>45N<80N	>45N<80N
Impact Insertion Force	>300N	>300N	>300N
Waterproof Degree	IP54	IP54	IP54
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0
Certification	UL, CE Approved	TUV, CE Approved	TUV, CE Approved

DC EV Charger Connector



CCS Combo 1 EV Plug



CCS Combo 2 EV Plug



CHAdeMO EV Plug

Product Feature

Meet IEC 62196-3:2014

Nice appearance,hand-held ergonomic design,easy plug

Case Material:Thermoplastic,Flame Retardant Grade UL94 V-0

Terminal Material:Copper Alloy,Silver Plating

Product entire insertion and extraction force<100N

Mechanical Life no-load plug in/pull out >10000 times

Housing Massive structure promote protection performance

Impat Force:Can afford 1m drop and 2t vehicle run over pressure

Reliability of materials,antiflaming,pressure-resistant, abrasion resistance,impact resistance and high oil

Electrical Performance

tem	Ccs Combo 1EV Pug	CCS Combo 2 EV Plug	CHAdeMO EV Plug
Standard	EC 62196-3	EC 62196-3	EC 62196-3:2014
Rated Current	60A, 80A, 125A, 150A, 200A, 250A	60A, 80A, 125A, 150A, 200A, 250A, 300A, 350A	80A, 125A, 150A, 200A
Operation Voltage	DC 1000V	DC 1000V	DC 1000V Ma
DC Max Charging Power	250KW	350KW	200KW
Insulation Resistance	>2000MQ (DC 1000V)	>2000MQ (DC 1000V)	100MQ or (DC 500V)
Withstand Voltage	3200V	3200V	3200V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	<50K	<50K	<50K
Operating Temperature	-30° C~+50° °C	30° C~+50° °C	-30° C~+45° °C
Impact Insertion Force	>300N	>300N	>300N
Protection Degree	IP54	IP55	IP54
Flame Retardant Grade	F1 per UL 746C	UL94 V-0	UL94 V-0
Cetificator	UL, CE Approved	TUV, CE Approved	CE Approved

DC EV Charger Socket



CCS Combo 1 Inlet Socket



CCS Combo 2 Inlet Socket



CHAdeMO Inlet Socket

Product Feature

Meet IEC 62196-3:2014

Nice appearance,Support Back installation

Contact with drainage structure,improve safety performance

Case Material:Thermoplastic,Flame Retardant Grade UL94 V-0

Terminal Material:Copper Alloy,Silver Plating+thermoplastic on the top

Mechanical Life no-load plug in/pull out >10000 times

Housing Massive structure promote protection performance

Impat Force:Can afford 1m drop and 2t vehicle run over pressure

Safety pins material insulated head design to prevent accidental direct contact with employee

Electrical Performance

tem	CCS Combo 1 Inlet Socket	CCS Combo 2 Inlet Socket	CHAdeMO Inlet Socket
Standard	EC 62196-3	EC 62196-3	EC 62196-3
Rated Current	80A, 125A, 150A, 200A, 350A, 500A	80A. 125A. 150A. 200A, 300A. 350A, 500A	125A, 150A, 200A
Operation Voltage	DC 1000V	DC 1000V	DC 1000V Max
DC Max Charging Power	500KW	500KW	200KW
AC Max Charging Power	41.5 KW	41.5 KW	43 KW
Insulation Resistance	>2000MQ (DC 1000V)	>2000MQ (DC 1000V)	>2000MQ (DC 1000V)
Withstand Voltage	3200V	3200V	3200V
Contact Resistance	0.5mΩ Max	0.5mΩ Max	0.5mΩ Max
Terminal Temperature Rise	<50K	<50K	<50K
Operating Temperature	30° C~+50° °C	30° C~+50° °C	60° C~+45° °C
Impact Insertion Force	>300N	>300N	>300N
Protection Degre	IP55	IP55	P55
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0
Certification	CE, UL Approved	CE Approved	CE Approved

DC Charger Connector &Socket



Tesla NACS Connector

GB/T DC Charger Connector

GB/T DC Charger Socket

Product Feature

Meet GB/T 20345.2-2015 Standard

Nice appearance,hand-held ergonomic design,easy plug
Case Material:Thermoplastic,Flame Retardant Grade UL94 V-0
Terminal Material:Copper Alloy,Silver Plating
Product entire insertion and extraction force<100N

Mechanical Life no-load plug in/pull out >10000 times
Housing Massive structure promote protection performance
Impat Force:Can afford 1m drop and 2t vehicle run over pressure
Reliability of materials,antiflaming,pressure-resistant, abrasion resistance,impact resistance and high oil

Electrical Performance

Item	Tesla NACS Connector	GB/T DC Charger Connector	GB/T DC Charger Socket
Standard	UL2251	GB/T 20234. 3-2015	GB/T 20234. 3-2015
Rated Current	80A, 125A, 200A, 250A, 350A, 400A	80A, 125A, 150A, 200A, 250A	80A, 125A, 200A, 250A,
Operation Voltage	000V	750V/1000V DC	750V/1000V DC
Insulation Resistance	>2000MQ (DC 500V)	>2000M Ω (DC 500V)	>2000MQ (DC 500V)
Withstand Voltage	2500V	3500V	3500V
Contact Resistance	0. 5m Ω Max	0. 5m Ω Max	0. 5m Ω Max
Terminal Temperature Rise	<50K	<50K	<50K
Operating Temperature	40° C~+50° C	-30° C--+50° C	40° C~+45° C
Impact Insertion Force	>300N	>300N	>300N
Protection Degree	IP67	IP55	IP55
Flame Retardant Grade	F1 per UL 746C	UL94 V-0	UL94 V-0
Certification	UL Approved	CE, CQC Approved	CE, CQC Approved

HPC Liquid-cooled Charging Connector



HPC CCS 1 Connector

HPC CCS 2 Connector

Chaoji Connector

Electrical Performance

Item	HPC CCS 1 Connector	HPC CCS 2 Connector	ChaoLi Connector
Standard	IEC 62196-3-1	EC 62196-3-1	IEC PAS 63454 ED1
Rated Voltage	DC 1000V	DC 1000V	DC 1500V
Rated Current	500A Max	500A Max	600A Max
Power	500KW Max	500KW Max	900kW Ma
Withstand Voltage	3500V AC/1min	3500V AC /1min	3500V AC 1lmin
Temperature Sensor	OT 1000	PT 100C	PT 1000
Cable bending radius	≤300mm	≤280mm	≤300mm
Terminal Material	Copper Alloy, Silver Plating		
Operating Temperature	-30° C~+50° C	-30° C~+50° C	-30° C~+50° C
Flame Retardant Grade	UL 94V-0	UL 94V-0	UL 94V-0
Max temperature of oolant	+80° C	+90° C	+90° C
Power consumption of the conductor	1. 55KW (6m, 500A)	1. 3KW (5m, 500A)	1. 8KW (5m, 600A)
Pressure of liquid cooling system	0. 7MPa Max	08MPa Max	0. 7MPa Max
Cooling device size	415mm*494mm*200mm (W*H*L)	415mm*494mm*200mm (W*H*L)	415mm*494mm*200mm (W*H*L)
Protection(Cooling device)	Pump&Fan:IP54/Device no protection	Pump&Fan:IP54/Device no protection	IP55(plugged state)
Cooling device rated votage	24V DC	24V DC	24V DC
Coolingdevice rated current	12A	12A	12A
Cooling device rated power	288W	288W	288W
Cooling device noise	58dB	≤58dB	≤58dB
Cooling device weight	20kg	20kg	16kg
Coolant flash point	>200℃	>200℃	>200℃
Coolant	Silicon Oil	Silicon Oil	Silicon Oil
Certification	CE Approved	CE Approved	CE Approved

EV Adapter Connector



Type 1 to Type 2 EV Adapter



Type 2 to Type 1 EV Adapter



Type 2 to GBT EV Adapter



Type 1 to Tesla EV Adapter



Tesla to Type 1 EV Adapter



Type 1 to GBT EV Adapter



CCS 2 to CCS 1 EV Adapter



CCS 1 to CCS 2 EV Adapter



CCS 1 to Tesla EV Adapter



Tesla Extension Cable



Type2 to Tesla Adapter



Tesla to Type2 Adapter

EV Accessories



Type 1 Inlet Socket With Cable



Type 2 Male Inlet Socket With Cable



Type 2 Male Inlet Socket For Motor



Type 2 to Type 1 EV Socket
EV Adapter Cable



Type 1 to Type 2 Male Socket
EV Adapter Cable



GBT Plug to Type 2 Male Socket
EV Adapter Cable



CCS Combo 1 Inlet Socket With Cable



CCS Combo 2 Inlet Socket With Cable



CHAdeMO Inlet Socket With Cable



Type 2 Male Plug to EU Schuko Socket



Type 2 Male Socket to EU Schuko
Socket



Type 2 Male Socket to CEE Socket

EV Plug Holder



J1772 Type 1 Plug Dummy Holder



J1772 Type 1 Plug Cable Holster



J1772 Type 1 Plug Dummy Holder



Type 2 Female Plug Dummy Holder



Type 2 Female Plug Dummy Holder



Type 2 Female Plug Dummy Holder



CCs Combo 1 Plug Dummy Holder



CCS Combo 2 Plug Dummy Holder



CCS Combo 2 Plug Dummy Holder
With Micro Switch Detect



Japan CHAdeMO Plug Dummy Holder



GB/T AC Charger Plug Dummy Holder



GB/T DC Charger Plug Dummy Holder