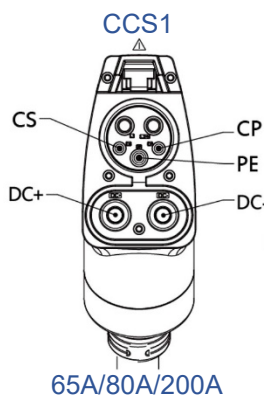


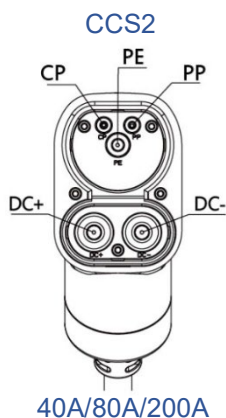
## CSS1 & CCS2 EV Charging Connectors & Inlets



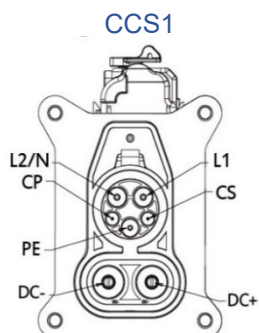
The Combined Charging System (CSS) is a standard for charging electric vehicles, which uses Combo 1 and Combo 2 AC/DC inlets which can be used with both AC and DC connectors to provide power at up to 200 Kilowatts. These inlets and connectors are an extension of the IEC Type1 and Type 2 inlets & connectors, with two additional direct current (DC) contacts to support high-power DC fast charging. CCS connectors support DC charging only.



Product Attribute	CCS1 (SAE J1772) EV Charging Connector Specification				
Rated Current	65A, 80A, 200A				
Rated Voltage	1000V DC				
Force	≤100				
Lifespan	≥10000				
Flammability Rating	UL 94V-0				
Protection Level	IP67 (Body)				
Main Materials	PBT/PC/PA66/Copper Alloy				
Application No.	Testing				
Cable Specifications	Standard	Length	Cable	Specifications	
VCPUXD065A2	UL 62	5M	65A	3x 8AWG+6x18AWG	
VCPUXD080A0	UL 62	5M	80A	2x 5AWG+1x8AWG+6x18AWG	
VCPUXD200A0	UL 62	5M	200A	2x2/0AWG + 1x6AWG+6x18AWG	



Product Attribute	CCS2 (IEC 62196) EV Charging Connector Specification				
Rated Current	40A, 80A, 200A				
Rated Voltage	1000V DC				
Force	≤100				
Lifespan	≥10000				
Flammability Rating	UL 94V-0				
Protection Level	IP67 (Body)				
Main Materials	PBT/PC/PA66/Copper Alloy				
Application No.	TUV R50526974 0001				
Cable Specifications	Standard	Length	Cable	Specifications	
VCCIXD040A0	IEC 62893-4	5M	40A	2x6+ 6+ P(2x0.75) + 4x0.5	
VCCIXD080A0	IEC 62893-4	5M	80A	2x16+ 16+ P(2x0.75) + 4x0.5	
VCCIXD200A0	IEC 62893-4	5M	200A	2x70+ 35+ P(2x0.75) + 4x0.5	



CCS1 EV Charging Inlet Specification	Product Attribute	CCS2 EV Charging Inlet Specification
Single-phase 80A	AC Rated Current	Three-phase 32A
240V AC	AC Rated Voltage	480V AC
200A	DC Rated Current	200A
1000V DC	DC Rated Voltage	1000V DC
≤100	Force	≤100
≥10000	Lifespan	≥10000
UL 94V-0	Flammability Rating	UL 94V-0
PT1000	Thermal Sensor	PT1000
PBT/PC/Brass	Main Materials	PBT/PC/Brass
Testing	Application No.	Testing

