

Electric Vehicle Charging Technology by Sam Woo Electronics



Sam Woo Electronics Co., Ltd.
www.isamwoo.com

Coming Soon



- CHAdEMO EV Charging Standard
- IEC 62196-1 , 62169-3
- DC 125A / 500V Fast Charger

Specifications subject to change without notice. Contact Sam Woo Electronics for the latest specifications.

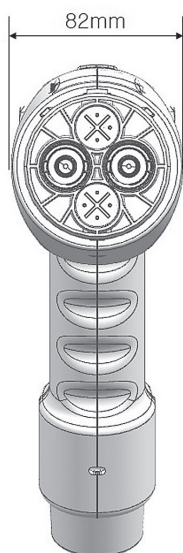


CHAdEMO 125A Technical Data

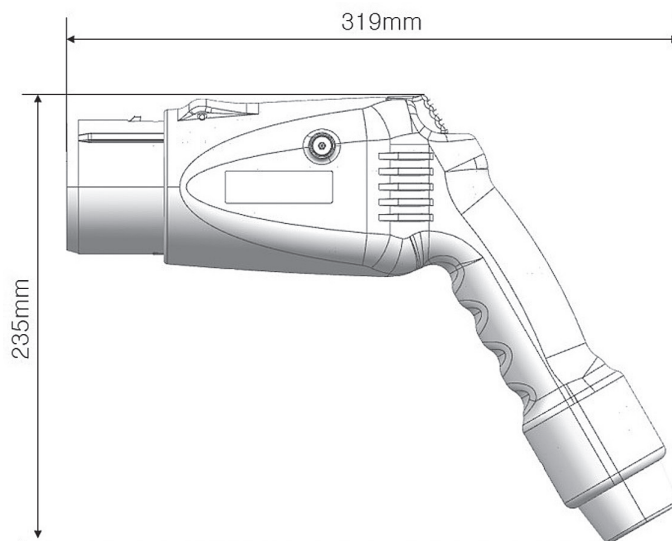
CHAdEMO 125A TECHNICAL DATA			
General Specifications	Part No.		SW-EVT123
	Charger Type		CHAdEMO
	Standard		IEC 62196-1, IEC 62196-3
	Certification		UL coming soon
Connector Specifications	Connector Dimensions		82mm x 235mm x 319mm
	Operating Temperature		- 30°C to + 50°C
	Storage Temperature		- 40°C to + 80°C
	Electric Power(kW)		125 KW
	DC Contact		Power Contacts
	DC Current (A)		125 A
	DC Voltage (V)		1,000 V
	Signal Contact		Signal Line : 7, Solenoid Line : 2
	Signal Current(A)		2 A
	Degree of Protection		IP54 / Type 3R
	Mating Cycle		10,000 ↑
	Insertion Force		100 N ↓
	Extraction Force		100 N ↓
Solenoid	Actuation Voltage (V)		DC 12 V
	Release Voltage (V)		0V (No current flow)
	Hold Voltage (V)		DC 7V ± 1V
	Coil Resistance		38 Ω ± 10% (Reference at 20°C)
Cable Specifications	Material		TPE
	Specifications		DC 2C x 2AWG(33.6mm²), Signal Line, Solenoid Line 12C x 18AWG(0.824mm²) (Spare 3)
	Diameter		33 mm
	Color		Black
	Curvature Radius		198 mm
	Certification		Reference Standard : UL 62
Test Results	STANDARD	DESCRIPTION	RESULT
	IEC 62196-1	IEC Test	coming soon
	IEC 62196-3	Standard	

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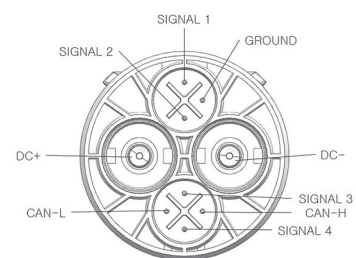
CHAdemo 125A Dimensions



Front View

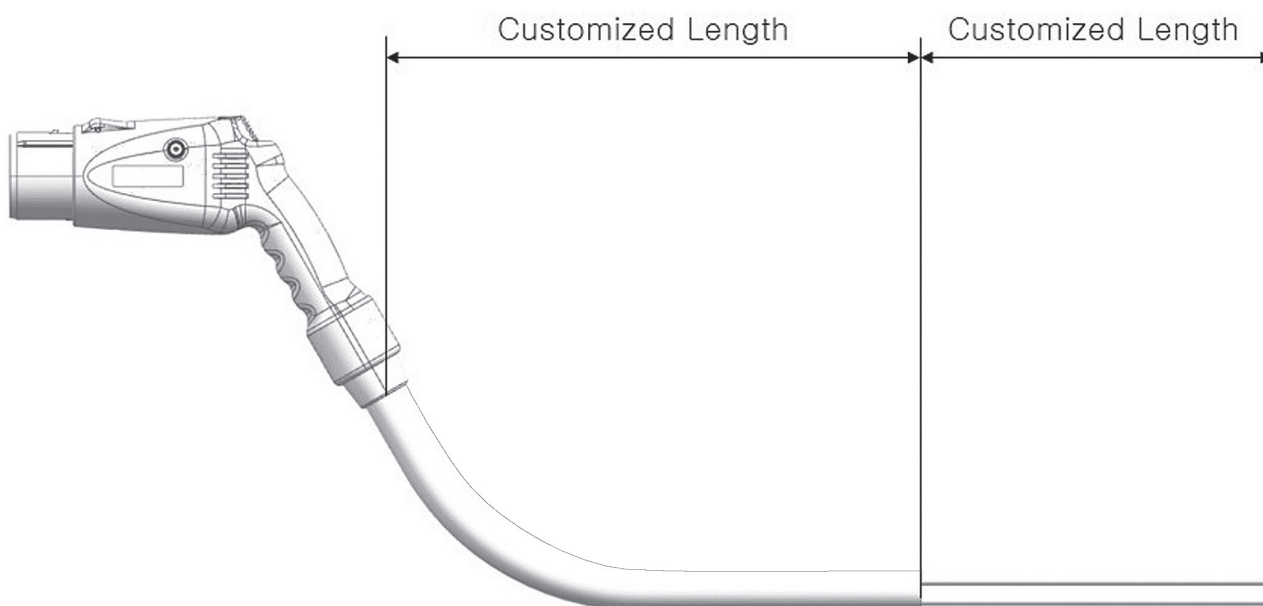


Side View



Contact Interface

Customization



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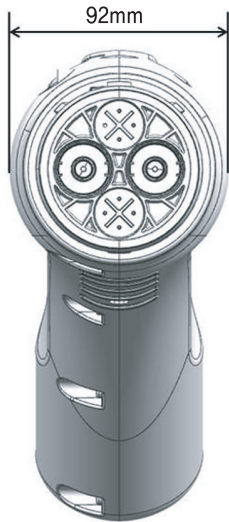


- CHAdeMO EV Charging Standard
- IEC 62196-1, 62196-3
- DC 200A / 1000V Fast Charger
- CE Certified
- UL 2251 Edition 3

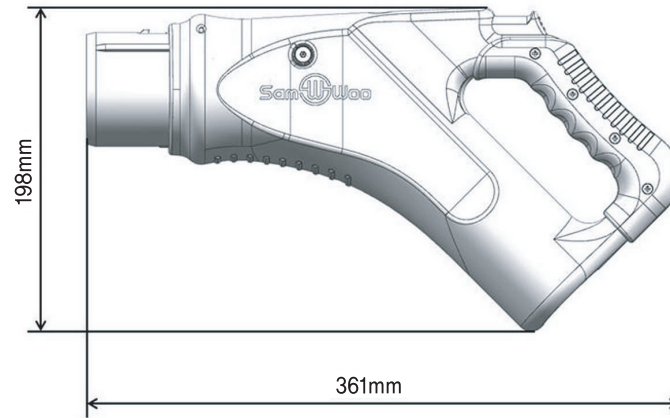
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CHAdEMO 200A TECHNICAL DATA			
General Specifications	Part No.		SW-EVT203
	Charger Type		CHAdEMO
	Standard		IEC 62196-1, IEC 62196-3
	Certification		UL Certified Edition 3
Connector Specifications	Connector Dimensions		92mm x 198mm x 365mm
	Operating Temperature		- 30 °C to + 50 °C
	Storage Temperature		- 40 °C to + 80 °C
	Electric Power(kW)		200 KW
	DC Contact		Power Contacts
	DC Current (A)		200 A
	DC Voltage (V)		1,000 V
	Signal Contact		Signal Line : 7, Temperature Sensor Line : 4, Solenoid Line : 2
	Signal Current (A)		2 A
	Degree of Protection		Type 3R
	Mating Cycle		10,000 ↑
	Insertion Force		100 N ↓
	Extraction Force		100 N ↓
Solenoid	Actuation Voltage (V)		DC 12 V
	Release Voltage (V)		0V (No current flow)
	Hold Voltage (V)		DC7V ± 1V
	Coil Resistance		38 Ω ± 10% (Reference at 20 °C)
Cable Specifications	Material		TPE
	Specifications		DC 2C x 2/0AWG(67.4mm ²) Signal Line, Temperature Sensor Line, Solenoid Line 16C x 18AWG(0.824mm ²) (Spare 3)
	Diameter		42.8 mm
	Color		Black
	Curvature Radius		256 mm
	Certification		Reference Standard : UL 62
Temperature Sensor Specifications	Sensor Type		NXFS15XH103FA1B [MURATA]
	Standard		E137188
	Current (A)		0.12 mA
	Tolerance		- 40 °C to + 125 °C
Test Results	STANDARD	DESCRIPTION	RESULT
	IEC 62196-1	IEC Test	
	IEC 62196-3	Standard	PASS

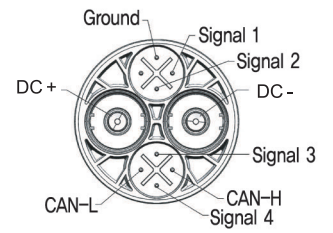
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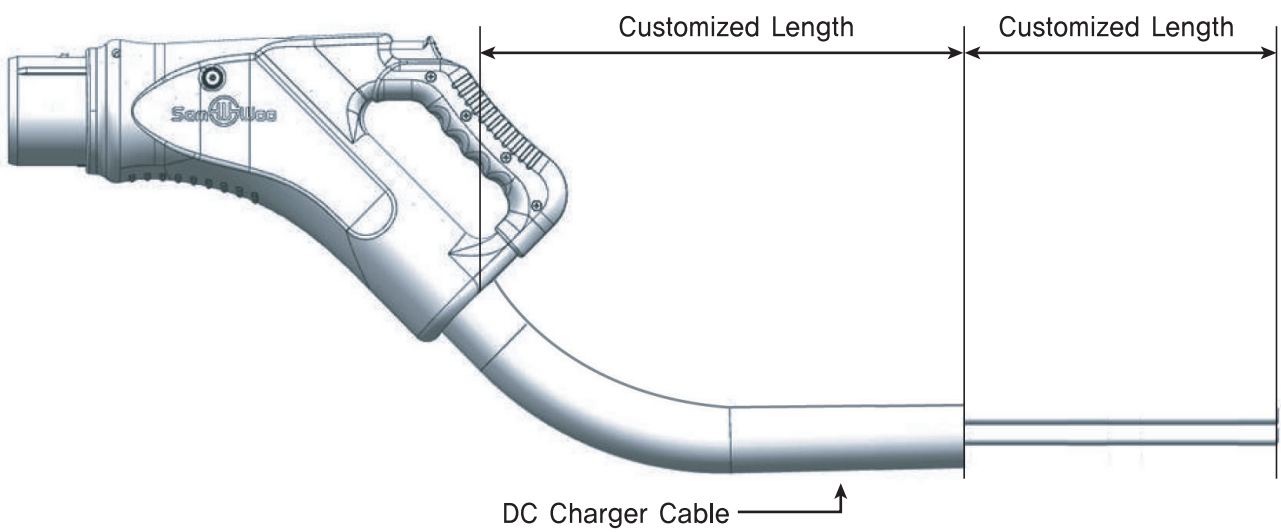
Front View



Side View



Contact Interface





TRUST COMPONENTS

Global Partnership with
Advanced Interconnection Technology

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