

Connector with Cable for Electric Vehicle Fast Charger

CHAdeMO Interface-Connector

Small, Big LED, Useful

Small size

- Only $\varnothing 19.3\text{mm}$ of outer diameter of cable*
- Cable weight 0.5kg per 1.0m*
- *60A version

User friendly design

- Large and vivid LED illuminating on the body
- Minimum cable bending radius only 116mm*
- *60A version

Characteristics

- Current range: 60A, 100A, and 125A
- Operating ambient temperature : -30 to 50°C
- Compliant to IEC 62916-3

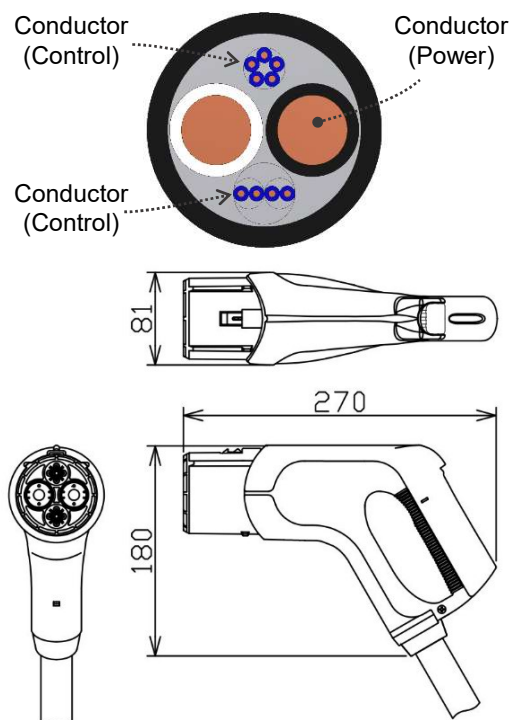


Specifications

Rated voltage [V]	DC500		
Rated current [A]	60	100	125
Insulation resistance [Ω]	100M or more		
Withstand voltage [V]	AC3000 / 1min		
Insertion force [N]	Less than 100		
Temperature rise (at connector)	Housing : Less than 60°C Terminal: Less than 50deg		
Drop impact	No abnormality after free falling from 1m to concrete		
Water proofing	Disconnected: IP44, While connected: IP56		
Mechanical endurance	No serious damage Terminal temperature rise: 50deg or less		

Construction

Cable	Rated voltage [V]	$(U_0 / U) \quad 600 / 1000$		
	Conductor	Power	Control	Control
	Cross sectional area [mm ²]	10 25 35	0.75	0.75
	Number of cores	2	7	1 pair
	Nominal outer diameter* [mm]	(Power conductor) Type 10mm ² : $\phi 19.3$ Type 25mm ² : $\phi 23.6$ Type 35mm ² : $\phi 25.9$		
Connector	Dimension [mm]	L 270 x H 180 x W 81		
	Weight [kg]	approx.1.1 (without cable)		
	Housing	Thermoplastic		
	Latch	Stainless steel		



*Depending on cross sectional area[mm²] of power, outer diameter of each cable changes.

How to Operate

- Connecting to vehicle inlet

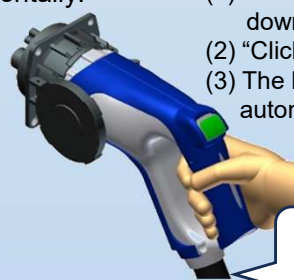
1. Hold the grip firmly.



2. Insert the connector straight into the inlet by the vehicle side horizontally.



- (1) The back release button down automatically
- (2) "Click" sound after it connected
- (3) The back release button rising automatically



Connected!!

- Disconnecting from vehicle inlet

1. Make sure that the LED light turns off before disconnecting.



2. Push the release button.



3. Pull the connector straight from the vehicle side inlet horizontally.



Disconnected!!

