Obara Energy Components

Connector with Cable for Electric Vehicle Fast Charger

CCS Type 2 Connector

Fast Charging Connector

MAX 200A

Features

- Small diameter and light weight cable
- Robust and elastic housing against load
- By boost mode, max current up to 200A
- Compliant to IEC 62196-3
- Certified with CE and UKCA

Specifications

*1. Upon customer's request, it is affordable to change color of external housing. Please do not hesitate to ask.

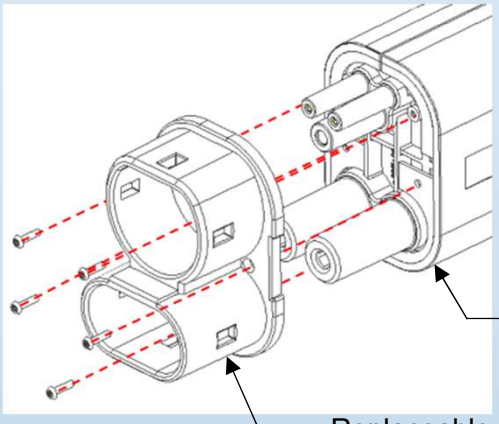
Model number	E55169-10-1K	E55169-35-1K
Rated current	60A	135A
Max current	60A	200A
Rated voltage	DC1kV	
Insulation resistance	100MΩ or more	
Withstand voltage	AC3kV/1min	
Insertion force	Less than 100N	
Ambient temperature	-30～+40℃	
Drop impact	No abnormality after free falling from 1m to concrete	
Protection degree	Unmated: IP24 / Mated: IP55	
Endurance	Terminal temperature rise is 90℃ or less, after 10,000*2 matings and unmating cycles	

*2. The test had been experienced for over 50,000 matings and unmating cycles under the same condition to the above noted.

Construction

Cable	Standard	IEC 62893-4-1	
	Max current	60A	200A
	Outer diameter	Ø21.6mm	Ø28.5mm
	Minimum bending radius	130mm	171mm
	Approx. weight	0.7kg/m	1.4kg/m
Connector with cable	Model number	E55169-10-1K	E55169-35-1K
	Standard	IEC 62196-3	
	Dimension	L 260mm × H 154mm × W 75mm	
	Weight	Approx. 1.1kg (without cable)	
	Housing	Plastic	

Replaceable Mating Housing Kit

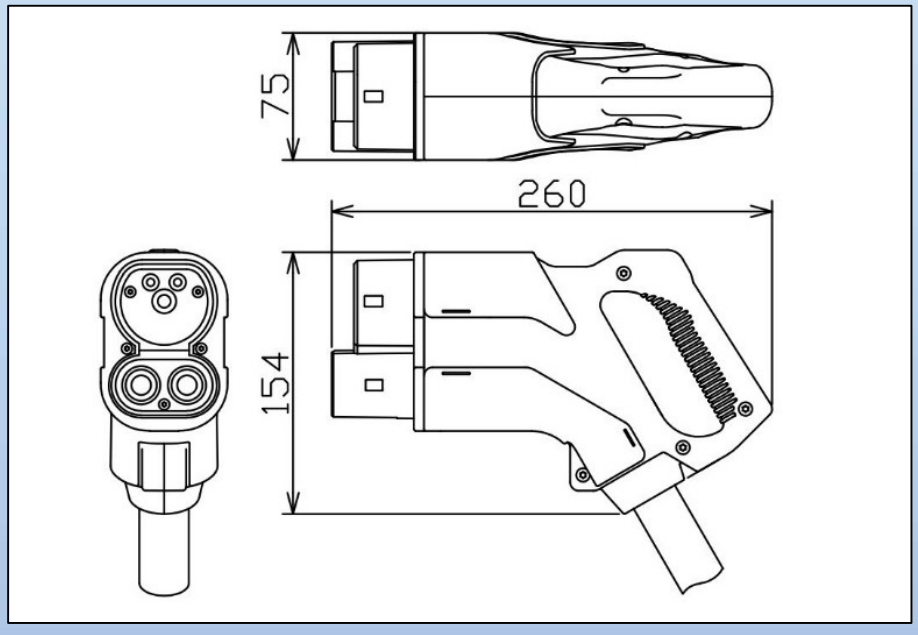


The replaceable mating housing with rounded head Torx screw M3-12 x 5pcs is available as a replacement part. If necessary, please order model number CCS2-RMH-M3X12. It is not needed to open main housing.

Model number: CCS2-RMH-M3X12

This kit includes as follows,
- Replaceable Mating Housing x 1pcs
- Torx screw M3-12 x 5pcs

Dimension



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