Obara Energy Components

Connector with Cable for Electric Vehicle Fast Charger

CCS Type 2 Connector

Ultra-Fast-Charging

MAX 400A

CE UKCA

Features

- Compliant to IEC 62196-3
- Certified with CE and UKCA
- Robust and elastic housing against load
- By boost mode, up to 400A
- Tailor made upon requests (e.g., cable length)

Specifications

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

Model number	E55345-100-1K
Rated current	300A
Max current	400A
Rated voltage	DC1kV
Insulation resistance	100MΩ or more
Withstand voltage	AC3kV/1min
Inserting force	Less than 100N
Ambient temperature	-35～+40℃
Drop impact	No abnormality after free falling from 1m to concrete
Protection degree	Unmated: IP44 / Mated: IP54
Endurance	Terminal temperature rise is 90℃ or less, after 10,000 mating and unmating cycles

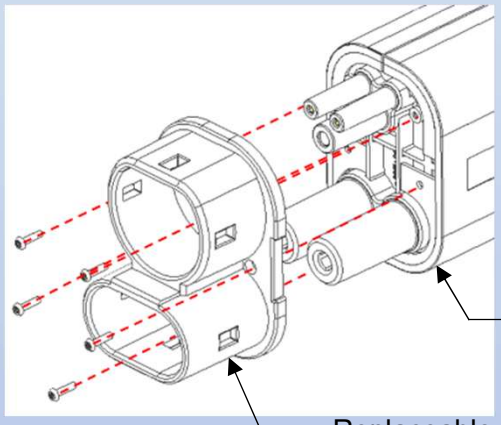
*2. The model shown is for reference purposes only. Actual models may differ.

Construction

Cable	Standard	IEC 62893-4-1
	Max current	400A
	Outer diameter	Approx. Ø37mm
Connector with cable	Standard	IEC 62196-3
	Dimension	L (288)mm x H (168)mm x W (75)mm
	Housing	Plastic

*3. Specifications are subject to change without notice.

Replaceable Mating Housing Kit

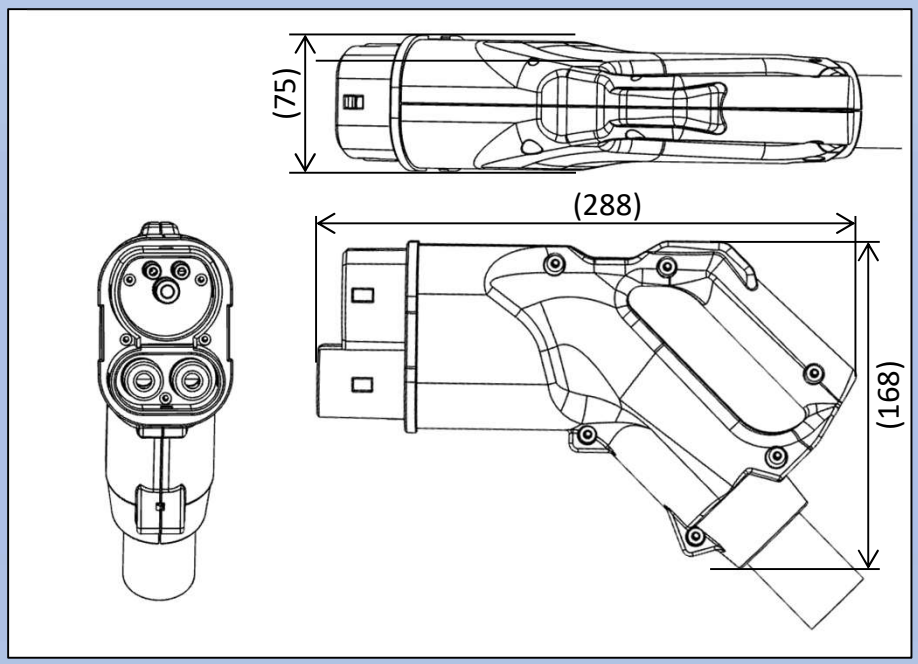


The replaceable mating housing with rounded head Torx screw M3-12 x 5pcs is available as a replacement part. If necessary, please order model number CCS2-RMH-M3X12. It is not needed to open main housing.

Model number: CCS2-RMH-M3X12

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

Dimension



Obara Energy Components Ltd.
Web site: https://obaraec.com/en/contact