P R E S E N T A T I O N

Development Status of CHAdeMO Quick Charger Connector

CHAdeMO

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2. Fujikura Quick Charger Connector



Commercial model

Connector plugged in EV

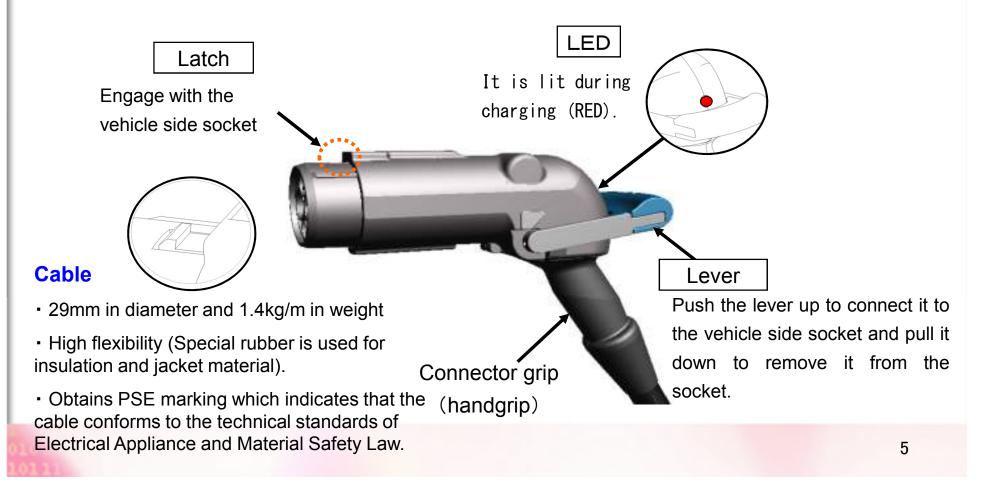


2. Fujikura Quick Charger Connector

< Fujikura Connector Features>

- 1 The connector has a control lever. Using the lever, users lock the connector after plugged into the vehicle inlet.
- 2 When the charger starts charging, the LED comes on.
- ③ 304mm in length, 86mm in diameter, 2.5kg in weight

(The connector enjoys a good reputation for its total handleability with the cable.)



2. Fujikura Quick Charger Connector

< Connector operation>

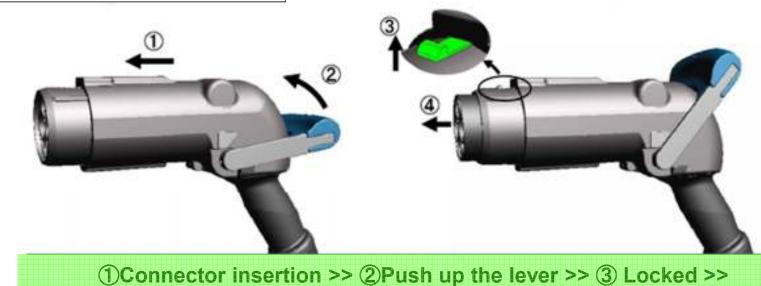
The direction the connector is inserted is identical to the one the lever is pushed up. (To prevent erroneous operation.)

The connector is designed based on ergonomics. The series of the operation (insert and push-up, remove and pull-down) are performed in one direction. The connector is easy-to-use even for female users: the insertion force is less than half of the standard value, 90 (N).



>The series of the operation are performed in one direction.

> Low insertion force (less than half of 90N), easy-to-use for female users



(4)Power and communication circuits are connected.

3. Japan Aviation Electronics Quick Charger Connector



3. Japan Aviation Electronics Quick Charger Connector







Shutoko (Metropolitan Expressway) Ichikawa PA

Japan Aviation Electronics Quick Charger Connector

Lightweight

Weight: Less than 1kg(connector only)

Better Maintainability

Sliding body cover can be removed.

Single-handed Operation

Similar connect/disconnect operation to an AC charging plug



Flexible and Robust Cable

4. Appearance of EV Quick Charger Connector Assembly

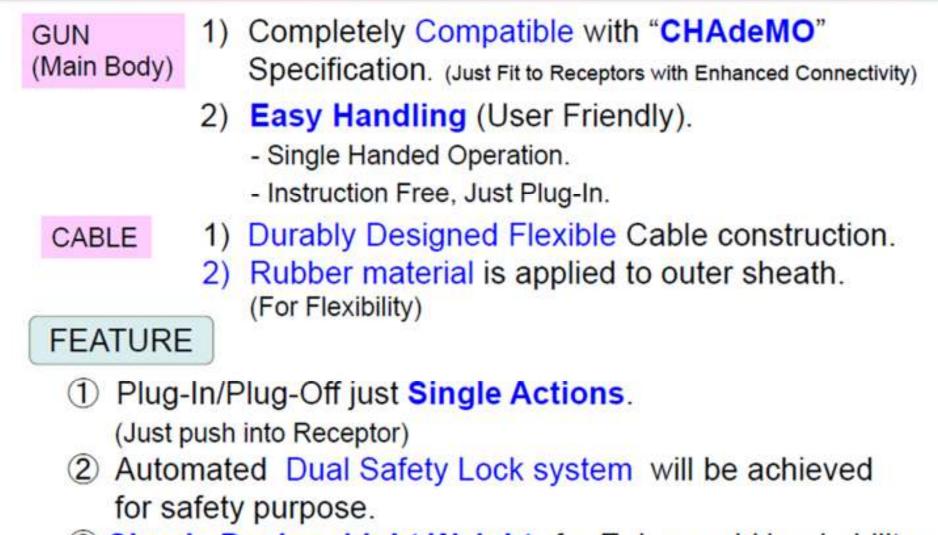


4. Appearance of EV Quick Charger Connector Assembly

" Charging test "



4. Appearance of EV Quick Charger Connector Assembly



③ Simple Design, Light Weight for Enhanced Hand ability.



It does not damage, even if vehicles with a weight of 2,000 kg perform drive over.



Connector plugged in EV



A hook cover

Closes.

Operating procedure

A release button

A connector is

Pulled out.

A guide key is united with the 1 slot on the inlet, and a connector A guide key is united is inserted.

> A release button is pushed. 1

A release button

jumps out and a color belt shows

connector is inserted.

Ahook 90es down.

> 2 A connector is pulled out.

Ahook

jumps out.

A hook cover

Slides.

