CHAdeMo Connector

Product Introduction

The CHAdeMo DC charging gun independently developed by AUPINS complies with the IEC 62196-3:2014 standard and has passed CE and CHAdeMo Association certification.The handle design of the AUPINS charging gun conforms to the principles of ergonomics, feels comfortable, is easy to plug and unplug, and has a locking bayonet anti-loosening device to ensure a stable and reliable connection. The built-in temperature protection function greatly reduces the operating temperature of the charging gun and prevents the charging gun from burning due to abnormally high temperatures. The built-in switch and electronic lock module have more stable quality and performance and are more conducive to maintenance and replacement.



Product Features

- PT1000 thermal sensor for DC+ and DC-.
- 12V or ±12V solenoid lock, solenoid location status detect signal output.
- Manual emergency unlock slip key.
- Reliable plug-in and pull-out
- Compact structure, easy installation
- Good environmental resistance

Technical performances

01 Mechanical Performance

Rated Mating Cycles: >10000 trips (no load)
material：TUP or TPE cable material optional.
Certificate：CE certificated (with TUV mark).
Plug in detect: if not plug in, solenoid will not lock.

02 Electrical performance

Ampere: 200A (70mm²-Dia36mm±1),
150A(50mm²-Dia31mm±1),
125A(35mm²-Dia30mm±1),
100A(25mm²-Dia26mm±1),
80A(16mm²-Dia23mm±1).
Maximum Rated Voltage: 600Vdc
withstand voltage: Nominal 600V (Certificated),
1000V Max extend

03 Environmental performance

Protection degree :IP54
Flame-retardant grades :UL94 V-0

Performance Specifications

CHAdeMo Plug/Connector				
Code	Type	Wire Details	Current（A)	Cable
12001	AP-CHA-63/83A	16mm²-Dia23mm±1	63/83	5m
12002	AP-CHA-125A	35mm²-Dia30mm±1)	125	5m
12003	AP-CHA-150A	50mm²-Dia31mm±1	150	5m
12004	AP-CHA-200A	70mm²-Dia36mm±1	200	5m
12005	AP-CHA2-200A	70mm²-Dia36mm±1	200	5m