

NACS Vehicle Charging Socket

Product Introduction

NACS charge inlet is for the electric vehicles adopt NACS charging standards. Its module design complies with the SAE J3400 standard. Cable length can be customized as a cu



Product Features

- The NACS charge port is a combination of AC/DC charging the highest amperage is 350A, rated voltage is 1000V DC.
- The Tesla charge inlet assembly is with cables, the cable length can be customized according to customers' requirements.
- The J3400 NACS charge inlet is a module design.
- All parts comply with RoHS, OEM service is welcome

Technical performances

01 Mechanical Performance

unmated :IP2X
 Safety class: II
 Insertion/withdrawal force :<90N
 Locking system: Snap-in
 Connector System : ⌀ 9mm
 Degree of protection,mated : Type 3R
 Durability: 10000 Mating Cycles

02 Electrical performance

Rated voltage :1000VDC
 Rated current :350A/300A/250A/200A/150A/125A/80A/
 65A/60A/50A/48A/40A/32A/16A
 Test voltage :3KV(50Hz/1min)
 Contact resistance of plug connectors :0.35mΩ Max

03 Environmental performance

Waterproof Level:IP67
 Insulation material:PC
 Flame class:UL94-VO
 Ambient temperature range :-40°C..+50°C
 Operating temperature:-40°C-105°C
 Salt mist spray test.degree of severity 5 :IEC 60068-2-52
 Contact material :Copper Alloy,Silver plated

Performance Specifications

NACS Vehicle Plug/ Socket				
Code	Type	Rated current	Rated voltage	Test voltage
13001	AP-NACS-Plug	65A/60A/50A/48A/40A/32A/16A	500VDC/240VAC	2KV(50Hz/1min)
13002	AP-NACS-CS	350A/300A/250A/200A/150A/125A/80A/ 65A/60A/50A/48A/40A/32A/16A	1000VDC	3KV(50Hz/1min)