

SAE AC Charging Socket

Product Introduction

Conform to the provisions and requirements of SAE J1772-2012, It can applicable to all SAE electric vehicle charging guns.



Product Features

- Use copper alloy, silver plated surface Beautiful appearance, prevention cap can be installed on the left side, the right side or the front of it, plug conveniently.
- XLPO for cable insulation prolonging the aging resistance life-span. TPU sheath improves the bending life and wear resistance of cable. The best material in the market at present.
- Special internal waterproof protection performance, protection grade achieved IP55 (working condition). The shell can effectively insulate water from body and enhance the safety level even in bad weather or special circumstances.
- Reliable material, flame retardant, pressure resistance, abrasion resistance, impact resistance and high oil resistance.

Technical performances

01 Mechanical Performance

Insertion and extraction force: <100N

Mechanical life: ≥10000 times (no load)

03 Environmental performance

Working temperature: -30°C~50°C

Protection level: Cover closed IP54;insertion gun ≥ IP55;
tail outlet IP67

02 Electrical performance

Rated voltage: AC input: 250V.ac

Rated current: AC input: 16A, 32A

Insulation resistance: >100MΩ (500V.dc)

Voltage resistance: 2500V.ac

Performance Specifications

DC adapter				
Code	Type	Rated voltage	Rated current	Insulation resistance
11001	AP-GAC-CS	AC input: 250V/440V	10A, 16A, 32A	2500V
11002	AP-GDC-CS	DC input: 750V	80A, 125A, 200A, 250A	4500V
11003	AP-GDC-LOCK	12V.dc	≤1A	500Vac, Imin leakage current ≤10mA
11004	AP-SAC-CS	AC input: 250V.ac	16A, 32A	2500V.ac
11005	AP-SCCSI-CS	AC input: 250V.ac DC input: ≤1000V.dc	AC input: 16A, 32A DC input: 125A, 150A	3000V.ac
11006	AP-IAC-CS	AC input: 250V.ac	AC input: 16A, 32A	2000V.ac
11007	AP-ICCS2-CS	AC input: 250V.ac DC input: 1000V.dc	AC input: 16A, 32A DC input: 125A, 150A, 200A	3000V.ac
11008	AP-IDC-ES	12VDC	≤1A	500Vac, Imin leakage current ≤10mA
11009	AP-CHAdEMO-CS	DC input: 750V.dc	80A, 125A, 150A, 200A	3000V.ac