

IEC AC Charging Socket

Product Introduction

IEC Charging Socket conforms to the provisions and requirements of IEC62196-2 2016. The socket has efficient charging and safety protection functions, built-in overheat protection, and a short circuit power-off system, providing all-around protection for your charging process. The appearance design is compact and easy to install, suitable for home and commercial use.



Product Features

- IEC Charging Socket conforms to the provisions and requirements of IEC62196-1, IEC 62196 -3
- Our ev socket with beautiful appearance and prevention cap, which can be installed on the left side, the right side or the front of it
- Reliable material, flame retardant, pressure proof, wear-resisting, vimpart resistance, high oil proof
- Excellent protection performance, protection grade achieved IP55 (working condition)

Technical performances

01 Mechanical Performance

Insertion and extraction force: <100N
 Mechanical life: >10,000 times (no load)
 Electronic lock life span: 30,000 times (rated voltage (12V/24V optional), power-on time 300ms, normal temperature)

02 Electrical performance

Rated voltage: AC input 250V.ac
 Rated current: AC input: 16A, 32A
 Insulation resistance: >1000MΩ (500V.dc)
 Withstand voltage performance: 2000V.ac

03 Environmental performance

Working temperature: -30°C~50°C
 Protection level: IP54 when the cover is closed, IP55 when inserting the gun; IP65 for the electronic lock; IP67 for the cable outlet at the end of the charging stand

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