

GB/T DC Charging Socket

Product Introduction

GB/T EV Charging Socket conforms to the provisions and requirements of GB/T20234.2-2015, it can charge all EVs manufactured in China, correctly and effectively with high compatibility.



Product Features

- Conform to the provisions and requirements of GB/ T 20234.2-2015
- Beautiful appearance, prevention cap can be installed on the left side, the right side or the front of it
- Reliable material, flame retardant, pressure proof, wear-resisting, impact resistance, high oil proof
- Excellent protection performance, protection grade achieved IP55 (working condition)

Technical performances

01 Mechanical Performance

Insulation resistance: >1000M Ω (1000V.dc)

Insertion and extraction force: <100N

Mechanical life: \geq 10,000 times (no load)

02 Electrical performance

Rated current: 80A, 125A, 200A, 250A

Rated voltage: 750V

Insulation resistance: >2000M Ω (DC1000V)

03 Environmental performance

Working temperature: -30 $^{\circ}$ C~50 $^{\circ}$ C

Shell material: thermoplastics, flame retardant grade UL94-0

Contact - tube: copper alloy, silver plated

Pins temperature rise:<50K

Withstand voltage: 4500V (DC+/DC-/PE)

Contact impedance: 0.5m Ω Max

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	\leq 1A	500Vac, Imin leakage current \leq 10mA
11004	AP-SAC-CS	AC input: 250V.ac	16A, 32A	2500V.ac
11005	AP-SCCSI-CS	AC input: 250V.ac DC input: \leq 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	\leq 1A	500Vac, Imin leakage current \leq 10mA
11009	AP-CHAdEMO-CS	DC input: 750V.dc	80A, 125A, 150A, 200A	3000V.ac