



GB/T EV DC Charging Socket

Mechanical Life

IMechanical life: no-load plug>10000times

Iinsertion force:<140N

Applied Material

Shell material: thermoplastics, flame retardant grade UL94-0

Contact-tube: Copper alloy, silver-plated

Environmental performance

Operating temperature: -30°C~+50°C

Electrical Performance

The rated current:80A, 125A, 200A, 250A

The rated voltage: 750V/1000V

Insulation resistance: >2000MΩ(DC1000V)

Pins temperature rise:<50K

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

Contact impedance: 0.5mΩMax





AG ELECTRICAL MANUFACTURE FACILITY



Features of GB/T EV DC Charging Socket

- Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/ T 20234.2-2015.
- Have one or two PTC (PT1000) thermistor (can match with hela lock) ,have functions of signal feedback.
- 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).

GBT EV DC Charging Socket Parameter

Product Type	Rated Current	Cable Specifications	Note
AG-GBDC-C80S	80A	H07BZ5-F2X20mm ² +1x25mm ² +2x4mm ² +8x0.75mm ²	Wire length and tail end treatment according to customer configuration.
AG-GBDC-C125S	125A	H07BZ5-F2X35mm ² +1x25mm ² +2x4mm ² +8x0.75mm ²	
AG-GBDC-C200S	200A	H07BZ5-F2X70mm ² +1x25mm ² +2x4mm ² +8x0.75mm ²	
AG-GBDC-C250S	250A	H07BZ5-F2X95mm ² +1x25mm ² +2x4mm ² +8x0.75mm ²	