



GB/T EV AC Charging Socket

Mechanical Life

Mechanical life: no-load plug>10000times

Insertion force:<100N

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: 10A、16A、32A、63A

The rated voltage: 250V/440V

Insulation resistance: > 1000MΩ(DC500V)

Pins temperature rise:<50K

Withstand voltage: 2500V

Contact impedance: 0.5mΩMax





Features of GB/T EV AC Charging Socket

- Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/ T 20234.2-2015.
- Have a electromagnetic locking device (can match with hela lock), have functions of signal feedback.
- 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).

Product Specification and Cable Standard



AG ELECTRICAL MANUFACTURE FACILITY

Product Type	Rated Current/ Voltage	Cable Specifications	Note
AG-GBAC-Z10S	10A/250V	H07BZ5-F3X2.5mm ² +2x0.75mm ²	The wire length a end of treatment are according to the customer requirement.
AG-GBAC-Z16S	16A/250V	H07BZ5-F3X2.5mm ² +2x0.75mm ²	
AG-GBAC-Z16S-3	16A/440V	H07BZ5-F5X2.5mm ² +2x0.75mm ²	
AG-GBAC-Z32S	32A/250V	H07BZ5-F3X6mm ² +2x0.75mm ²	
AG-GBAC-Z32S-3	32A/440V	H07BZ5-F5X6mm ² +2x0.75mm ²	
AG-GBAC-Z63S-3	63A/440V	H07BZ5-F5X16mm ² +2x0.75mm ²	