



## AG ELECTRICAL MANUFACTURE FACILITY

### GB/T EV DC Charging

#### **Mechanical Life**

Mechanical life: no-load plug >10000 times

Impact of external force: can afford 1m drop and 2t vehicle run over pressure.

#### **Applied Material**

Shell material: thermoplastics, flame

Retardant grade UL94-V0.

Pin: Copper alloy, silver + top of the  
Thermoplastic

#### **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

## GB/T EV DC CHARGING Features

- 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, have functions of signal feedback.
- Have one or two PTC (PT1000) thermistor (can match with NTC or Temperature control switch) .
- The head of pins using safety insulation design to prevent direct contact with the hand.
- Excellent protection performance, protection grade achieved IP55 (working condition).
- Applied double color coating technology, personalized custom a variety of colors.

## GBT EV DC CHARGING Parameter

Product Type	Rated Current	Cable Specifications
AG-GBDC-C80P	80A	2x20+ 1x25+2x4+2x(2x0.75)(P2)+8x0.75
AG-GBDC-C125P	125A	2x35+1x25+2x4+2x(2x0.75)(P2)+8x0.75
AG-GBDC-C200P	200A	2x70+1x25+2x4+2x(2x0.75)(P2)+8x0.75
AG-GBDC-C250P	250A	2x95+1x25+2x4+2x(2x0.75)(P2)+8x0.75