



## GB/T EV Charging Cable

### **Mechanical Properties**

Mechanical life: no-load plug>10000times

Impact resistance: be able to afford 1m drop and 2tons vehicle run over pressure

Insertion and extraction force:<100N

### **Electrical Performance**

Rated current: 10A/16A/32A/63A

Rated voltage: 250V/440V/

Insulation resistance:>1000MΩ(DC500V)

Pins temperature:<50K

Withstand voltage: 2500V

Contact impedance: 0.5mΩMax

### **Raw Material**

Shell material: thermoplastics, flame retardant grade UL94-0

Plug bush: copper alloy, silver plating+Top thermoplastics

### **Environmental Performance**

Temperature: -30°C~+50°C





## GBT EV Charger Features

- Conform to the provisions and requirements of GB/T20234.2-2015, it can charge all EVs manufactured in china, correctly and effectively with high compatibility.
- Using riveting pressure process with none screw with beautiful appearance. Hand-held design conform to ergonomic principle, plug conveniently. The head of pins using insulation design to prevent direct contact with the hand. Customer is able to install the gbt ev charger indoor or outdoor, according to actual demand. Firmly locking the charger on the installation backplane can prevent stealing.
- Have one or two PTC (PT100) thermistor (can match with NTC or Temperature control switch)
- XLPO for cable insulation prolonging the aging resistance life-span. TPU sheath improves the bending life and wear resistance of cable. The best material in the market at present, conforms to the latest European Union standards.
- Special internal waterproof protection performance, protection grade achieved IP55 (working condition). The shell can effectively insulate water from body and enhance the safety level even in bad weather or special circumstances.
- Adopted double color coating technology, custom color accepted (regular color orange, blue, green, gray, white)
- Keep the laser logo space for customer. Provide OEM/ODM service to help customer expand market easier.

## Application of GBT EV Charger Cable

### Apply to Vehicle



## AG ELECTRICAL MANUFACTURE FACILITY

For Tesla model3, for Tesla Model S, for Tesla Model X, for BAIC EU-Series, for BYD Yuan/S2 EV, for BYD e5, for Chevrolet Volt, for Mia, for Mia Electric Van, for Mitsubishi OUTLANDER PHEV, for Nissan NV200 SE Van, for Nissan leaf, for SAIC Baojun E-Series, for SAIC Roewe Ei5 EV, for BMW 530e/Le, for Renault Zoe, for Hyundai Kona EV, for BMW i3, for BYD Tang PHEV, for Chery eQ EV, for Toyota Prius PHEV, for Volkswagen e-Golf, for Geely Emgrand EV, for Great Wall Ora R1 EV

### **Application in area**

Commercial EV Charging/Workplace EV Charging, Hotel EV Charging, Home/Residential EV Charging, Public EV charging

AG ELECTRICAL GBT EV Charger cable acquires all safety and production certificates in electrical filed, ISO9001, ISO 14001, OHSAS 18001, GB/T20234.2-2015

### **GBT EV Charger Cable Parameter**

Product Type	EV Charging Cable
Rated Current	10A/16A/32A/63A
Rated Voltage	250V, 440V
Phase	One Phase/Single Phase,Three Phase
Cable Specification	H07BZ5-F3X2.5mm <sup>2</sup> +2x0.75mm <sup>2</sup>
	H07BZ5-F5X6mm <sup>2</sup> +4x0.75(p2)mm <sup>2</sup>
	H07BZ5-F3X6mm <sup>2</sup> +2x0.75mm <sup>2</sup>
	H07BZ5-F5X16mm <sup>2</sup> +4x0.75 (p2)mm <sup>2</sup>
	H07BZ5-F5X2.5mm <sup>2</sup> +2x0.75mm <sup>2</sup>
Length	Regular 5m, custom length accepted
Color	orange, blue, green, gray, white, custom color accepted
Warranty	12 months
Certificate	GBT
Packaging Details	Standard export wooden case or carton. Or as customer requirements
Delivery Time (days)	Within 15days, if quantity >500, to be negotiated