



## AG ELECTRICAL MANUFACTURE FACILITY

### GB/T Portable EV Charger

#### **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: 13A/16A

Rated voltage: 220V

Insulation resistance: >1000MΩ(DC500V)

Withstand voltage: 2500V

duty cycle: 21.67%

#### **The Function Of IC-CPD**

Over-voltage, under-voltage protection

Over-current protection

Earth leakage protection

Ground protection: continuous monitoring grounding protection

Lightning protection

Over-temperature protection:break the circuit when temperature is over 85°C and continuous 3s.

#### **Raw Material**

Shell material: thermoplastics, flame retardant grade UL94-0

#### **Environmental Performance**

Temperature: -30°C~+50°C





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### GB/T Portable Ev Charger Features

- Conform to the provisions and requirements of GB/T20234.2-2015, GB/T 18487.1-2015 it can charge all EV manufactured in china, And convert to the applicable point current 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. Customer is able to install the charger indoor or outdoor, according to actual demand. Firmly locking the charger on the installation backplane can prevent theft.
- The control box layout USES the display screen function to display the current voltage, charging status and circuit board temperature in real time. Always check your safety, let you use rest assured.
- Special internal waterproof protection performance, protection grade of IC-CPD achieved IP66and achieved IP55 of plug(working condition). The shell and IC-CPD 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 Portable Ev Charger

#### Apply to Vehicle



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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, Hotels EV Charging, Home/Residential EV Charging, Public EV charging

AG ELECTRICAL EV Portable Charge acquires all safety and production certificates in electrical filed, ISO9001, ISO 14001, OHSAS 18001, GB/T20234.2-2015, GB/T 18487. 12015

### **GBT Portable Ev Charger Parameter**

Product Type	EV Portable Charge
Rated Current	13A/16A
Rated Voltage	220V
Cable Specification	H07BZ5-F3X2.5mm <sup>2</sup> +2x0.75mm <sup>2</sup>
Length	Regular 5m, custom length 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