



## AG ELECTRICAL MANUFACTURE FACILITY

### SAE EV Portable Charger Type 1 Mode 2

#### **Mechanical Properties**

Mechanical life: no-load plug>10000times

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

Insertion and extraction force:<100N

#### **Electrical Performance**

Rated current: 13A/16A/20A/32A/60A

Rated voltage: 110V/220V/250V

Insulation resistance: >1000MΩ(DC500V)

Pins temperature rise:<50K

Withstand voltage: 2500V

Contact impedance: 0.5mΩMax

#### **Raw Material**

Shell material: thermoplastics, flame retardant grade UL94-0

Plug pin: Copper alloy, silver-plate

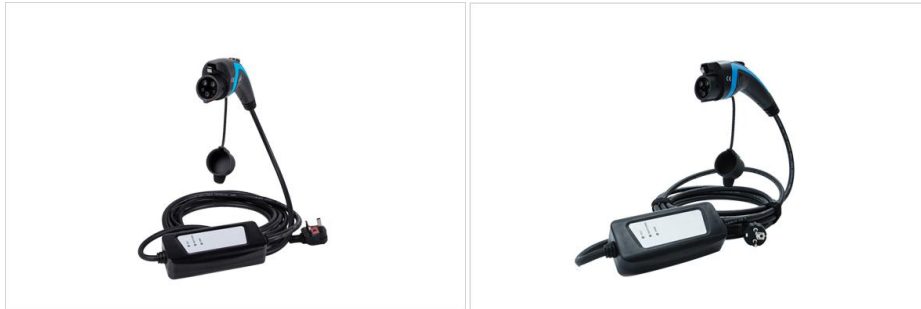
#### **Environmental Performance**

Temperature: -30℃~+50℃





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### EV Charging Portable Type1 Mode2 Features

- Conform to the provisions and requirements of SAE J1772-2012, it can charge all EV manufactured in USA, 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 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.
- 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 EV Charging Portable Type1 Mode2



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### Apply to Vehicle

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

### EV Charging Portable Type1 Mode2 Parameter

AG ELECTRICAL EV Charging cable portable type1 mode 2 acquires all safety and production certificates in electrical filed, ISO9001, ISO 14001, OHSAS 18001, SAE J1772-2012

Product Type	EV Charging portable type1 mode2
Rated Current	13A/16A/20A/32A/60A
Rated Voltage	110V/220V/250V
Phase	One Phase/Single Phase,Three Phase
Cable Specification (Wire length and the end of treatment according to the client configuration)	H07BZ5-F3X2.5mm <sup>2</sup> +2x0.5mm <sup>2</sup> H07BZ5-F3X6mm <sup>2</sup> +2x0.5mm <sup>2</sup> H07BZ5-F3X16mm <sup>2</sup> +2x0.5mm <sup>2</sup>
Length	Regular 5 m, custom length accepted
Color	orange, blue, green, gray, white, custom color accepted
Warranty	12 months
Certificate	CE
Packaging Details	Standard export wooden case or carton.Or as customer requirements
Delivery Time(days)	Within 15 days, if quantity>100, to be negotiated