

Overview

Product information

**MGAC-T-032A-VP-5.0M-22010000040**

AC EV Charger with vehicle charging plug for charging electric vehicles (EVs) with alternating current (AC) and charging post plug, charging via GB/T vehicle socket, compatible with electric vehicle charging stations (EVSE) at the GB/T charging post socket outlet compatible

Product advantages

- ✓All Degson's vehicle AC plugs and power supply AC plugs adopt a unified design
- ✓The surface of power and signal contacts are silver-plated
- ✓Certified to IATF 16949:2016 system
- ✓Ergonomic handle with additional rubber grip assembly for easy handling

Product certification



Technical data

Product drawing

3D model

□

Environmental conditions

| | |
|---|-----------------|
| Ambient temperature (operation) | -30 °C ~ 50 °C |
| Ambient temperature (storage / transport) | -40 °C ~ 80 °C |
| IP class | IP54(coupling) |
| | IP55(coupling) |

Electrical characteristics

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|--------------------------------------|------|
| Maximum charge power | 24KW |
| Rated current of high-power contacts | 32 |

| | |
|------------------------------|------------------------|
| Power contact rated voltage | 440 |
| Quantity of signal contacts | 2 |
| Signal contact rated current | 2 |
| Signal contact rated voltage | 30 |
| Resistance coding | 220Ω |
| | 3520Ω |
| Signal transmission type | Pulse width adjustment |

Marking material

| | |
|---------------------------|---|
| Shell color | black |
| EV charger color | black |
| Cover color | black |
| Customization basis | Provided according to customer requirements |
| Shell material | Plastic |
| Handle material area | Plastic |
| Actuating handle material | Metal |
| Protective cover material | Soft plastic |
| Connection material | Plastic |
| Flammability rating | V0 |
| Contact surface material | Ag |

Environmental Product Compliance

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|------------|---------|
| REACH | conform |
| China RoHS | conform |

Cable

| | |
|-------------------|------------------|
| Cable composition | 5*6mm²+1*0.75mm² |
| Wiring standard | GB/T 33594-2017 |
| | |

| | |
|------------------------|--|
| | CQC1103 |
| Wiring level | 5 class |
| Cable outer diameter | 21.9±0.8mm |
| Wire type | Straight line |
| Cable resistance | ≤ 0.00798 Ω/m (Based on the power core, at an ambient temperature of 20°C) |
| Outer sheath,color | black |
| Minimum bend radius | 106 mm |
| Outer sheath, material | PUR |

Dimension

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|--------------------------|-------------------------------------|
| Vehicle connector height | 101mm(Vehicle charging connector) |
| Vehicle connector width | 75mm(Vehicle charging connector) |
| Vehicle connector depth | 236.8mm(Vehicle charging connector) |
| Cable length | 5000±100mm |
| Strip length | 100±10mm |

Accessories

Business data

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|-------------------------------------|-------------|
| Order number | 22010000040 |
| Packing unit | 5pcs/box |
| Minimum order quantity | 5 |
| Products weight (without packaging) | 13.65 |