

## Overview

### Product information



### MEAC-T-016A-V1P1-5.0M-22020000013

Mobile AC charging cable with vehicle charging plug and charging post plug for charging electric vehicles (EVs) with alternating current (AC) via type 2 vehicle socket, compatible with electric vehicle charging stations (EVSE) Type 2 charging post socket outlet at the EVSE is 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

□

### Dimension

|                          |                                     |
|--------------------------|-------------------------------------|
| width                    | 70mm                                |
| Vehicle connector height | 79mm(Vehicle charging connector)    |
| Vehicle connector depth  | 222.3mm(Vehicle charging connector) |
| Cable length             | 5000±50mm                           |
| Strip length             | 100±10mm                            |

### Environmental conditions

|                                 |                |
|---------------------------------|----------------|
| Ambient temperature (operation) | -30 °C ~ 50 °C |
|---------------------------------|----------------|

|                  |                         |
|------------------|-------------------------|
| Maximum altitude | 5000m(Above sea level ) |
| IP class         | IP54 (protection cover) |

Electrical characteristics

|                                      |      |
|--------------------------------------|------|
| Maximum charge power                 | 13KW |
| Phase                                | 1    |
| Power pin quantity                   | 3    |
| Rated current of high-power contacts | 16   |
| Power contact rated voltage          | 480  |
| Quantity of signal contacts          | 2    |
| Signal contact rated current         | 2    |
| Signal contact rated voltage         | 30   |
| Resistance coding                    | 680Ω |

Mechanical properties

|                 |        |
|-----------------|--------|
| Insertion force | < 100N |
| Pull out force  | < 100N |

Marking material

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

Environmental Product Compliance

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

Cable

|                        |  |
|------------------------|--|
| Cable composition      | 5*2.5mm <sup>2</sup> +1*0.75mm <sup>2</sup>                                |
| Wiring standard        | EN50620  |
|                        | IEC62893.3   |
| Wiring level           | 5 class  |
| Certification          | CE   |
|                        | CB   |
|                        | TUV  |
| Cable outer diameter   | 13±0.5mm   |
| 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    | 78mm   |
| Outer sheath, material | PUR  |

Accessories

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 22020000013 |
| Packing unit                        | 5pcs/box    |
| Minimum order quantity              | 5           |
| Products weight (without packaging) | 13.65       |