

## Přehled

## Informace o produktu

**MGDC-T-125A-V-5.0M-22010000059**

DC charging cable with vehicle charging plug and free outlet for fast charging of electric vehicles (EVs) with direct current (DC) via the GB/T vehicle socket for installation in EV charging stations

## Výhoda produktu

- ✓ 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
- ✓ Temperature sensor included for monitoring the temperature of the power contacts

## Certifikace výrobku



## Technická data

## Tabulka produktů

## 3D model

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## Environmental conditions

|                                           |                         |
|-------------------------------------------|-------------------------|
| Maximum altitude                          | 5000m(Above sea level ) |
| Ambient temperature (operation)           | — 30 °C ~ 50 °C         |
| Ambient temperature (storage / transport) | — 40 °C ~ 80 °C         |

## Electrical characteristics

|                      |       |
|----------------------|-------|
| Maximum charge power | 125KW |
| Phase                | 3     |
| Power pin quantity   | 3     |

|                                      |                        |
|--------------------------------------|------------------------|
| Rated current of high-power contacts | 125                    |
| Power contact rated voltage          | 750                    |
| Quantity of signal contacts          | 6                      |
| Signal contact rated current         | 2                      |
|                                      | 4                      |
| Signal contact rated voltage         | 30                     |
| Resistance coding                    | 1000Ω                  |
| Signal transmission type             | Pulse width adjustment |

Mechanical properties

|                 |        |
|-----------------|--------|
| Insertion force | <140N  |
| Pull out force  | < 140N |

Marking material

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

Environmental Product Compliance

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

Cable

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| Cable composition      | 2 x35 mm <sup>2</sup> + 1 x 25 mm <sup>2</sup> + 2 × 4 mm <sup>2</sup> + 3× 0.75 mm <sup>2</sup> |
| Wiring standard        | GB/T 33594-2017                                                                                  |
| Wiring level           | 5 class                                                                                          |
| Certification          | CQC                                                                                              |
| Cable outer diameter   | 32.3mm ±1mm                                                                                      |
| Wire type              | Straight line                                                                                    |
| Outer sheath,color     | black                                                                                            |
| Outer sheath, material | PUR                                                                                              |

Dimension

|                         |                                     |
|-------------------------|-------------------------------------|
| Vehicle connector width | 290.7mm(Vehicle charging connector) |
| Vehicle connector depth | 249.2mm(Vehicle charging connector) |
| Cable length            | 5000±100mm                          |

Příloha

Obchodní data

|                                  |             |
|----------------------------------|-------------|
| číslo objednávky                 | 22010000059 |
| Balící jednotka                  | 1pcs/box    |
| Minimální množství pro objednání | 1           |
| Hmotnost výrobku (bez obalu)     | 13.65       |