

Overview

Product information

**MEDC-T-80A-V-5.0M-22020000186**

DC charging cable with vehicle charging plug and free outlet, Type 2, IEC 62196-3, 80A/1000V(DC), DEGSON logo, cable: 5M, Black

Product advantages

- ✓ All of Degson's vehicle plugs and plug-in rechargeable piles are designed in a unified manner
- ✓ Both power and signal contacts are silver plated
- ✓ passed IATF 16949:2016 certification
- ✓ The handle is ergonomic and comes with an additional rubber handle assembly for ease of operation

Product certification



Technical data

Product drawing

3D model

□

Dimension

| | |
|--------------------------|-----------------------------------|
| Strip length | 300±30mm |
| Vehicle connector height | 102mm(Vehicle charging connector) |
| Vehicle connector width | 72mm(Vehicle charging connector) |
| Vehicle connector depth | 271mm(Vehicle charging connector) |
| Cable length | 5000±100mm |

Environmental conditions

| | |
|---|----------------|
| Ambient temperature (operation) | -30 °C ~ 50 °C |
| Ambient temperature (storage / transport) | -40 °C ~ 80 °C |

| | |
|----------|-----------------|
| IP class | IP54(coupling) |
|----------|-----------------|

Marking material

| | |
|--------------|-------|
| Handle color | black |
|--------------|-------|

Electrical parameters UL

| | |
|---------------|-------|
| Rated voltage | 1000V |
|---------------|-------|

Electrical characteristics

| | |
|------------------------------|------------------------|
| Resistance coding | 1500Ω |
| Maximum charge power | 80KW |
| Phase | 3 |
| Power pin quantity | 3 |
| Quantity of signal contacts | 2 |
| Signal contact rated current | 2 |
| Signal contact rated voltage | 30 |
| Signal transmission type | Pulse width adjustment |

Mechanical properties

| | |
|-------------------------|--------|
| Insertion/pullout cycle | 10000 |
| Insertion force | < 100N |
| Pull out force | < 100N |

Marking material

| | |
|---------------------------|---|
| Shell color | black |
| Actuation component color | Silver |
| Cover color | black |
| Customization basis | Provided according to customer requirements |
| Shell material | Plastic |
| Handle material area | Plastic |

| | |
|---------------------------|--------------|
| Protective cover material | Soft plastic |
| Flammability rating | V0 |
| Contact surface material | Ag |

Environmental Product Compliance

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

Cable

| | |
|------------------------|--|
| Cable composition | 3x25mm ² +2x0.75mm ² +4x0.5mm ² |
| Wiring level | 6 class |
| Cable outer diameter | 24.5±0.8mm |
| Cable resistance | ≤ 0.000272Ω/m (Based on the power core, at an ambient temperature of 20°C) |
| Minimum bend radius | 147mm |
| Wiring standard | EN50620 |
| Certification | CE |
| | CB |
| | TUV |
| Wire type | Straight line |
| Outer sheath,color | black |
| Outer sheath, material | TPU |

Electrical parameters

| | |
|---------------|-----|
| Rated current | 80A |
|---------------|-----|

Environmental data

| | |
|------------------|--------|
| working altitude | ≤2000m |
|------------------|--------|

Accessories

Annex

Empty seats

FEDC-V-03-01A(H)

Business data

| | |
|-------------------------------------|-------------|
| Order number | 22020000186 |
| Packing unit | 1 |
| Minimum order quantity | / |
| Products weight (without packaging) | 11.12KG |