

## Overview

## Product information

**MGDC-T-250A-V-5.0M-22010000060**

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

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

## Product certification



## Technical data

## Product drawing

## 3D model

## 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	250KW
Phase	3
Power pin quantity	3

Rated current of high-power contacts	250
Power contact rated voltage	1000
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 x 80 mm <sup>2</sup> + 1 x 25 mm <sup>2</sup> + 2 x 4 mm <sup>2</sup> + 3x 0.75 mm <sup>2</sup>
Wiring standard	GB/T 33594-2017
Wiring level	5 class
Certification	CQC
Cable outer diameter	37.9mm ±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

Accessories

Business data

Order number	22010000060
Packing unit	1pcs/box
Minimum order quantity	1
Products weight (without packaging)	13.65