

## Overview

### Product information



### MGAC-S-016A-V-5.0M-22010000058

AC charging cable with vehicle charging plug and free outlet for fast charging of electric vehicles (EVs) with alternating current (AC) via national standard AC vehicle sockets, for installation at 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

### 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

Maximum charge power	4KW
Rated current of high-power contacts	16
Power contact rated voltage	250

Quantity of signal contacts	2
Signal contact rated current	2
Signal contact rated voltage	30
Resistance coding	680Ω
	3380Ω
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

REACH	conform
China RoHS	conform

Cable

Cable composition	3*2.5mm <sup>2</sup> +1*0.75mm <sup>2</sup>
	5*6mm <sup>2</sup> +1*0.75mm <sup>2</sup>
Wiring standard	GB/T 33594-2017

	CQC1103
Wiring level	5 class
Cable outer diameter	14±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	84 mm
Outer sheath, material	PUR

Dimension

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

Order number	22010000058
Packing unit	5pcs/box
Minimum order quantity	5
Products weight (without packaging)	13.65