Overview

Product information

MGDC-T-250A-V23-03-5.0M-22010000248

DC charging cable, with vehicle charging plug and free outlet, GB/T type, GB/T20234, 250A/1000V (DC), DEGSON logo, cable: 5m, black

Product advantages

☑ IP67 protection level (gun body), effective dust and water resistance, ensuring charging safety
☑ One-piece shell, beautiful appearance, comfortable grip, easy plug and unplug
☑ Temperature detection, over-temperature protection, effectively protect the charging pile and vehicle charging safety
☑ Reliable materials, can withstand a 1-meter drop and a 2-ton car runover
☑ Ultrasonic terminal welding, stable electrical connection, excellent cost performance

Product certification

Technical data

Product drawing

3D model

Dimension

Vehicle connector height	158.44mm(Vehicle charging connector)
Vehicle connector width	76.30mm(Vehicle charging connector)
Vehicle connector depth	288.54mm(Vehicle charging connector)
Cable length	5000±100mm
Strip length	100±10mm

Environmental conditions

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

Maximum altitude	5000m(Above sea level)

Cable	
Cable composition	4*35+6+2*2.5+(2*0.75)(P2)+7*0.75
Cable outer diameter	Φ32.5mm±0.8mm
Minimum bend radius	195mm

Environmental parameters	
Protection level	IP67

Electrical characteristics	
Maximum charge power	3.5KW
	250KW
Phase	3
Power pin quantity	3
Quantity of signal contacts	4
Signal contact rated current	2
Signal contact rated voltage	30
Resistance coding	480Ω
Signal transmission type	Pulse width adjustment

Mechanical properties	
Insertion/pullout cycle	10000
Insertion force	<140N
Pull out force	< 140N

Marking material	
Connection material	Copper
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

Wiring level	5 class
Certification	CQC
Wire type	Straight line
Outer sheath,color	black

Electrical parameters

Rated current	250A
	1000V

Accessories

Appendix

Socket	FGDC-03-02A(H)

Business data

Order number	22010000248

Packing unit	1
Minimum order quantity	
Products weight (without packaging)	11kg