Overview

Product information



MADC-S-050A-V-03-5.0M-10A(H)-22030000444

Vehicle-side charging gun, compliant with SAE J1772 standard, rapidly charges electric vehicles (EVs) via vehicle socket using direct current (DC), designed for both home and commercial charging stations.

Product advantages

- ☑ IP67 protection level , effectively dustproof and waterproof, ensuring charging safety
- ☑ Complies with ergonomics, large handle facilitates charging operation, enhancing customer experience
- ☑ High protection performance standard, supports charging at 5000M altitude, with IP67 protection level for the main body
- ☑ Reliable materials, capable of withstanding 1-meter drop and 2-ton vehicle crushing
- ☑ High-precision temperature sensor monitoring, improving safety performance during use

Product certification

Technical data

Product drawing

3D model

Dimension

Vehicle connector width	67mm
Vehicle connector depth	288mm
	101mm(Vehicle charging connector)
Cable length	5000±100mm
Strip length	100±10mm

Environmental conditions

Ambient temperature (operation)	-40℃~50℃

Maximum altitude	5000m(Above sea level)
IP class	Type 3S

Cable

Cable composition	2*8AWG+1*10AWG+8*22AWG
Cable outer diameter	18.5mm

Environment condition

Ambient temperature (storage/transportation)	-40°C ~ +80°C

Mechanical properties

Pull out force	<90N
Insertion force	<90N

Electrical characteristics

Maximum charge power	50KW
	3.5KW
Phase	1
Power pin quantity	3
Power contact rated voltage	1000
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

Marking material

Shell color	black
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

Cable

Wiring standard	UL62
Wiring level	5 class
Certification	UL
Wire type	Straight line
Outer sheath,color	black
Outer sheath, material	TPE

Material data

Environmental items(Compliant with REACH/RoHS)	Yes

Accessories

Business data

Order number	22030000444
Packing unit	1PCS/box
Minimum order quantity	1
Products weight (without packaging)	