Overview

Product information

MTDC-S-200A-V5-03-5.0M-10A(H)-22100000025

Vehicle-side charging gun, compliant with SAE J3400 and UL2251 standards, enables rapid DC (Direct Current) charging for electric vehicles (EVs) via Tesla vehicle sockets, designed for commercial charging stations.

Product advantages

- ☑ High protection performance standard, main body IP67 waterproof and dustproof
- ☑ Replaceable power terminals and gun head, extending service life and reducing operation and maintenance costs
- ☑ Ultrasonic welding, reducing terminal contact resistance and improving terminal thermal safety coefficient
- ☑ Reliable materials, capable of withstanding 1-meter height drop and 2-ton vehicle rolling
- ☑ Fully insulated product with comfortable grip, safe and reliable

Product certification

Technical data

Product drawing

3D model

Dimension

Strip length	200±10mm
Vehicle connector width	41.5mm（Vehicle charging connector）
Vehicle connector depth	272mm
Cable length	5000±100mm

Environmental conditions

Ambient temperature (operation)	-40℃~50℃
Maximum altitude	5000m(Above sea level)

IP class	Type 3R

Cable	
Cable composition	4*3AWG+14AWG+4*2*18AWG
Cable outer diameter	28.5mm
Minimum bend radius	175mm

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

Mechanical properties	
Pull out force	<90N
Insertion force	<90N

Electrical characteristics	
Maximum charge power	3.5KW
	200KW
Phase	1
Power pin quantity	3
Rated current of high-power contacts	200A
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	22100000025
Packing unit	1PCS/box
Minimum order quantity	1
Products weight (without packaging)	