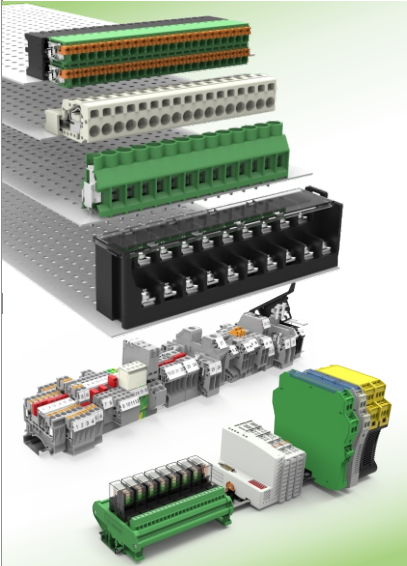




EV Charger

**Terminal Block**



DEGSON ELECTRICAL CO., LTD.
ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

**Circular Connectors**



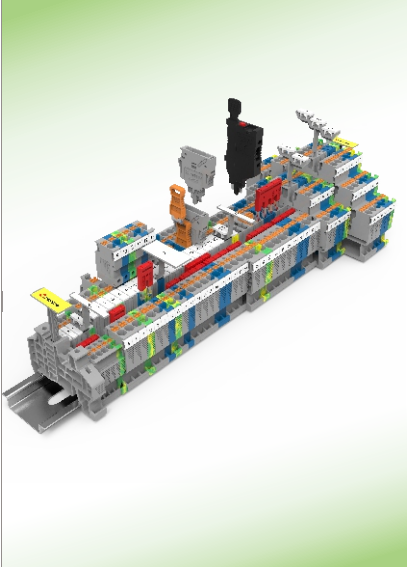
DEGSON ELECTRICAL CO., LTD.
ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

**Heavy Duty Connector**



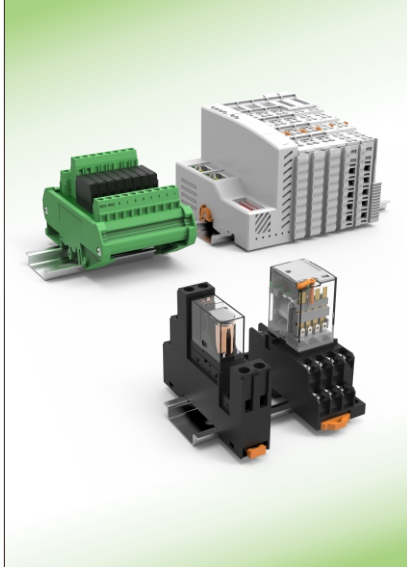
DEGSON ELECTRICAL CO., LTD.
ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

**Din Rail Terminal Block**



DEGSON ELECTRICAL CO., LTD.
ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

**Electronic product**



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ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949

**Customized Product**



DEGSON ELECTRICAL CO., LTD.
ISO9001 ISO14001 ISO80079-34 ISO/TS22163 IATF16949



Brief Introduction

Founded in 1990, DEGSON is a global solution provider of electrical, electronic and industrial connectors. As a National High-tech enterprise, DEGSON owns the UL and VDE certified laboratory. The company achieved ISO9001, ISO14001, ISO80079-34, ISO/TS22163 and IATF16949 management system certifications.

DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization solution and value-added service.

DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Japan, South Korea, Singapore, etc. totally hundred countries and regions. DEGSON supply high quality products and provide professional services globally in the industry sectors likely industrial automation, instrument, electric power, railway, marine and offshore, new energy, E-bike industrial elevator, lighting, security, machinery, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

Based on the business philosophy of “pragmatic innovation, responsibility, integrity, harmonious development, regulation and win-win”, DEGSON continuously integrates professional technical resources, R&D innovation, product manufacturing and technology application capabilities. Relying on global sales network, DEGSON aims to supply series of multiple varieties of high-quality products and services. We provide global customers with professional and quick connected application solutions, help customers continue to create value. DEGSON is making contributions to creating a smart and interconnected world.



DEGSON Headquarters/R&D Center/Global Production site



SALES NETWORK

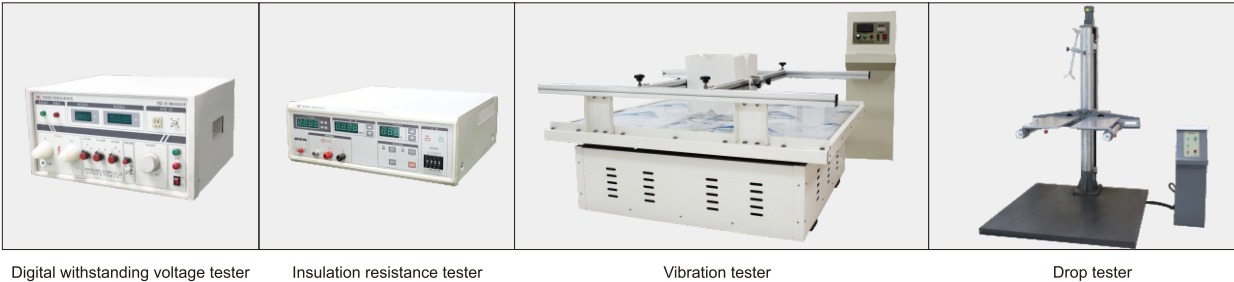
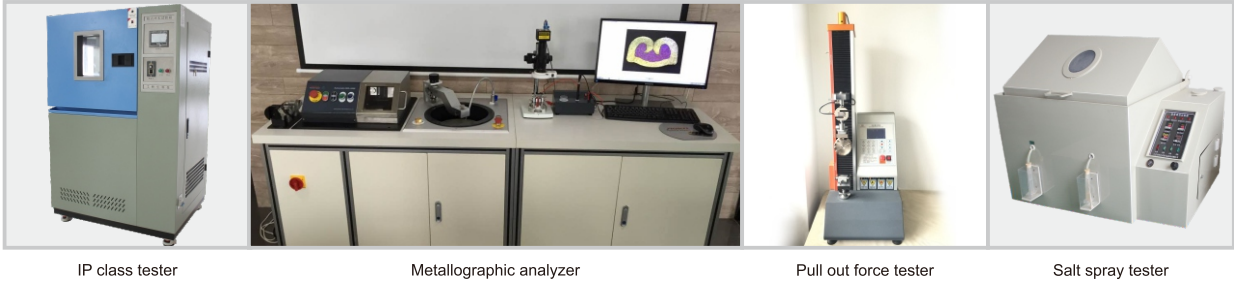
Products have been exported to more than 100 countries and areas in the global.



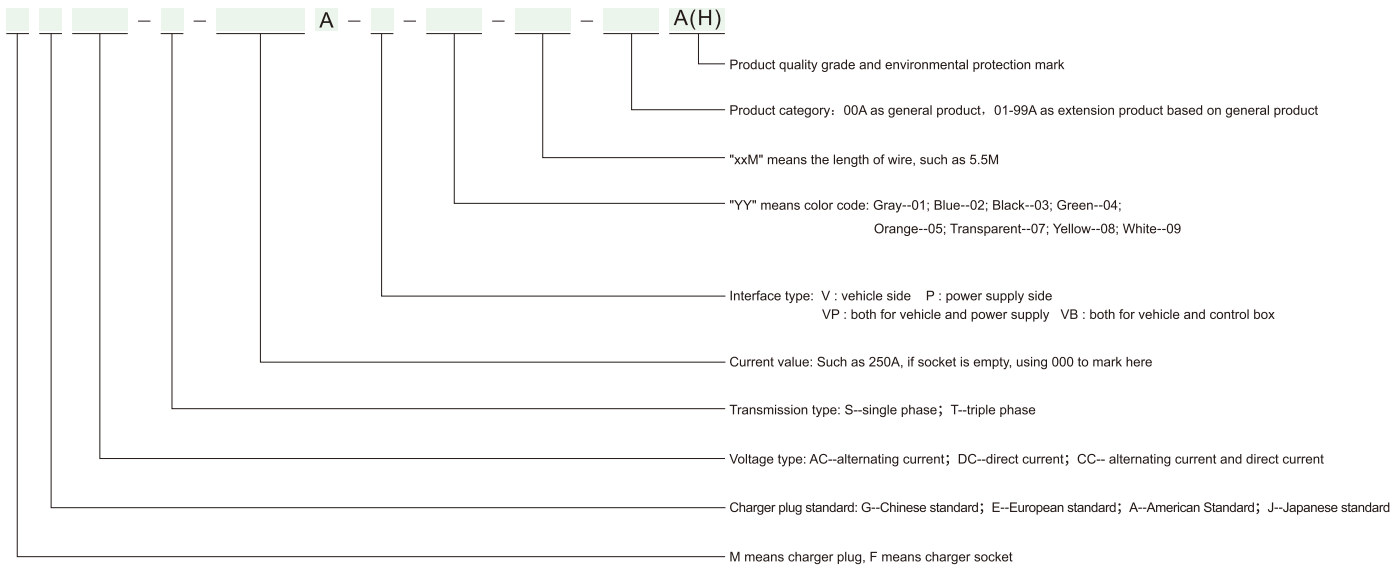
First Lab. authorized by UL&VDE in Asia



The lab is equipped with amounts of advanced test equipments which can operate all tests for terminal blocks according to the standards of UL1059,UL486E,IEC60998, IEC61984,IEC60947,GB13140,GB14048,CSAC22.2 、 No.158.



EV Charger and Socket Code Rule



Such as:

1.EV Charger MGDC-S-250A-V-YY-5.5M-00A(H)
It means: 250A EV charger vehicle side with DC single phase based on Chinese standard, 5.5M wire general product.

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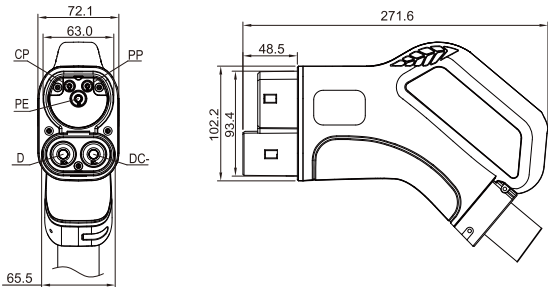
Certificate.....19-22

Type2 DC EV Charger (EU)



Type 2 DC EV Charger: equipped with vehicle chargingThe color of the shell of the electrical connector and the free outlet is black ,With replaceable assembly surface frame, installed in electric vehicles On the charging station (EVSE), it is used to use direct current (DC) as Electric Vehicle (EV) charging, 1000 V (DC) cable: 5 m,Black, straight head.

Dimension drawing



Product characteristics

- Gene IATF 19649 automotive standard and ISO 9001 standard development and production.
- It is perfectly compatible with electric vehicles and EVSE in European market.
- Measure the temperature of each DC power contact, prevent overheating,safe and reliable.
- Terminal replaceable,longer service life

The product definition

Standard	IEC 62196-3:2014
Charging Mode	4
Connection Manner	C
Current Type	DC
Housing Color	03-Black
Cable color	03-Black 05-Orange

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Highest altitude	≤2000M
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N
Withstanding Impact Force	charging interface can withstand 1 meter height drop and 2 tons of car rolling

Electrical Parameter

Rated Current	80A, 125A, 150A, 200A
Rated Voltage	1000V
Power Pin Number	3 (DC+,DC-,PE)
Signal Pin Number	2(PP CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ , 1000V DC 1min

Cable Configuration

Current	Cable Configuration
80A	2x25mm ² +1x16mm ² +1x0.75mm ² +2x0.75mm ² +4x0.5mm ² BLACK
125A	2x35mm ² +1x16mm ² +1x0.75mm ² +2x0.75mm ² +4x0.5mm ² BLACK
150A	2x50mm ² +1x25mm ² +1x0.75mm ² +2x0.75mm ² +4x0.5mm ² BLACK
200A	2x70mm ² +1x35mm ² +1x0.75mm ² +2x0.75mm ² +4x0.5mm ² BLACK

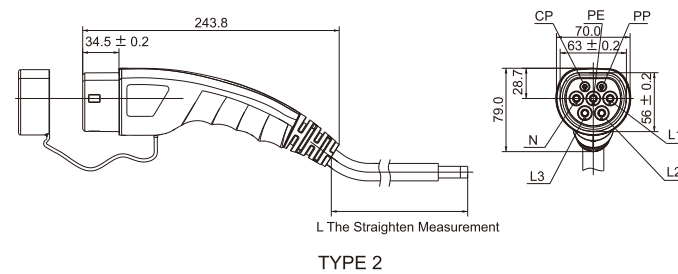
Note: Cable length according to client request.

Type2 AC EV Charger (EU)



Vehicle Side: Electric Vehicle AC Charger, configuration of vehicles connector and customized cable. AC fast Charging for EV via IEC 62196.2 -2016 Vehicle socket, installed in EVSE.

Dimension drawing



The product definition

Standard	IEC 62196.2 -2016
Charging Mode	2,3
Connection Manner	C
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Product characteristics

- Concise and flowing appearance, comfortable handle, safe and convenient operation.
- EV-charger meets IEC62196.2-2016 standard and has good interchangeability.
- EV-charger cabling are used in electric vehicle charging, suitable for Charging in both mode 2 and mode 3.

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V/440V
Power Pin Number	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(PP CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ , 500V DC 1min

Cable Configuration

Specification	Current	Cable Configuration
MEAC-S-016A-V1-YY-X.XM-XXAH	16A	En50620 EV 3*2.5mm ² +1*0.75mm ²
MEAC-S-032A-V1-YY-X.XM-XXAH	32A	En50620 EV 3*6.0mm ² +1*0.75mm ²
MEAC-T-016A-V1-YY-X.XM-XXAH	16A	En50620 EV 5*2.5mm ² +1*0.75mm ²
MEAC-T-032A-V1-YY-X.XM-XXAH	32A	En50620 EV 5*6.0mm ² +1*0.75mm ²

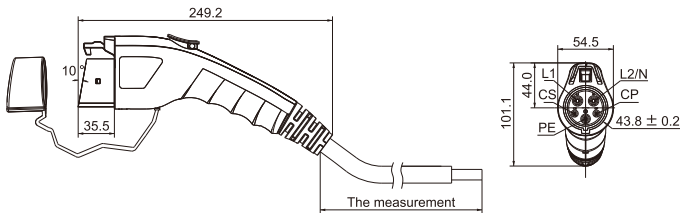
Note: Cable length according to client request.

Type1 AC EV Charger (US)



Vehicle Side: Electric Vehicle AC Charger , configuration of vehicles connector and customized cable. AC fast Charging for EV SAE J1772 Vehicle socket, installed in EVSE.

Dimension drawing



Product characteristics

- Concise and flowing appearance, comfortable handle, safe and convenient operation.
- EV-charger meets SAE J1772-2017 standard and has good interchangeability.
- EV-charger cabling are used in electric vehicle charging, suitable for Charging in both mode 2 and mode 3.

The product definition

Standard	SAE J1772-2017
Charging Mode	2,3
Connection Manner	C
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Ingress Protection	Type 3S

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<75N
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

Electrical Parameter

Rated Current	16A, 32A, 40A
Rated Voltage	120V/240V
Power Pin Number	3(PE, L, N)
Signal Pin Number	2(CS, CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ , 500V DC 1min

Cable Configuration

Specification	Current	Cable Configuration
MAAC-S-016A-V-YY-X.XM-XXAH	16A	UL62 EV 3x12AWG+1x18AWG
MAAC-S-032A-V-YY-X.XM-XXAH	32A	UL62 EV 3x10AWG+1x18AWG
MAAC-S-040A-V-YY-X.XM-XXAH	40A	UL62 EV 3x8AWG+1x18AWG
MAAC-S-050A-V-YY-X.XM-XXAH	50A	UL62 EV 3x8AWG+1x18AWG

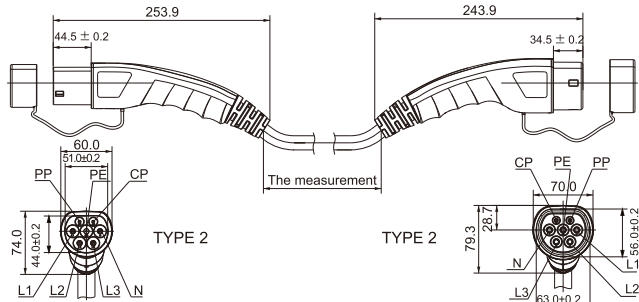
Note: Cable length according to client request.

Type 2 AC Vehicle Connector with Type 2 Power Supply Plug



Vehicle Side+Power Supply Side: Electric Vehicle AC Charger with portable cable, configuration of the vehicles connector and power supply plug AC fast Charging for EV via IEC 62196.2-2016 Vehicle socket and Power Supply Socket.

Dimension drawing



The product definition

Standard	IEC 62196-2:2016
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Product characteristics

- Concise and flowing appearance, comfortable handle, safe and convenient operation.
- EV-charger meets IEC 62196.2 -2016 standard and has good interchangeability.
- EV-charger cabling are used in electric vehicle charging, suitable for Charging in mode 3.

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V/440V
Power Pin Number	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(PP CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ , 500V DC 1min

Cable Configuration

Specification	Current	Cable Configuration
MEAC-S-016A-V1P1-YY-X.XM-XXAH	16A	PrEN50620 EV 3*2.5mm²+1*0.75mm²
MEAC-S-032A-V1P1-YY-X.XM-XXAH	32A	PrEN50620 EV 3*6.0mm²+1*0.75mm²
MEAC-T-016A-V1P1-YY-X.XM-XXAH	16A	PrEN50620 EV 5*2.5mm²+1*0.75mm²
MEAC-T-032A-V1P1-YY-X.XM-XXAH	32A	PrEN50620 EV 5*6.0mm²+1*0.75mm²

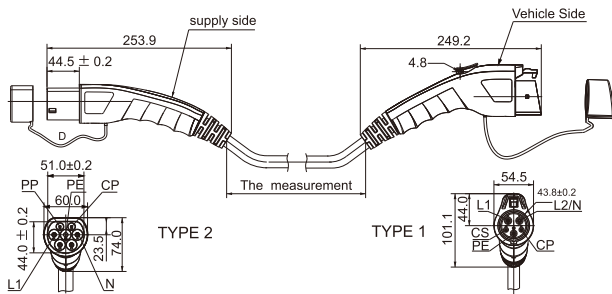
Note: Cable length according to client request.

Type 1 AC Vehicle Connector with Type 2 Power Supply Plug



Vehicle Side+Power Supply Side: Electric Vehicle AC Charger with portable cable, configuration of the vehicles connector and power supply plug. AC fast Charging for EV via SAE J1772-2017 and IEC 62196.2-2016Vehicle socket and Power Supply Socket.

Dimension drawing



Product characteristics

- Concise and flowing appearance, comfortable handle, safe and convenient operation.
- EV-charger meets SAE J1772-2017 and IEC 62196.2 -2016 standard and has good interchangeability.
- EV-charger cabling are used in electric vehicle charging, suitable for Charging in mode 3.

The product definition

Standard	IEC 62196-2:2016
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N(P) <75N(V)
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V
Power Pin Number	3(L, N, PE)
Signal Pin Number	2(PP, CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ , 500V DC 1min

Cable Configuration

Specification	Current	Cable Configuration
MHAC-S-016A-VP1-XX-X.XM-XXAH	16A	EV 3*2.5mm ² +1*0.75mm ²
MHAC-S-032A-VP1-XX-X.XM-XXAH	32A	EV 3*6.0mm ² +1*0.75mm ²

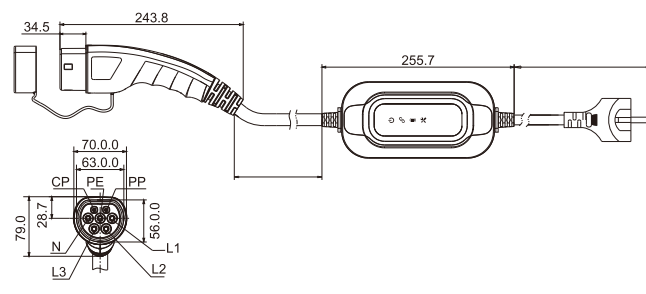
Note: Cable length according to client request.

Type2 Mode 2 AC EV Charger (EU)



Vehicle Side+Power Supply Side: Type 2 Mode 2 AC Vehicle connector equips with multiple functions-such as charging controll, charging status surveillance, alarming, display etc. Convenient and safe charging is available for individual users.

Dimension drawing



Product characteristics

- The charging interface has a lock function and a malfunction prevention function.
- More convenient for portable installation, plug and play, auto-start charging.
- 8A, 10A, 13A, 16A, 32A charging current selection.
- LED multi-color display.

The product definition

Standard	IEC 62196-2:2016
Charging Mode	2
Connection Manner	B
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	≤2000M
Ingress Protection	IP54 (working condition)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy , Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

Electrical Parameter

Rated Current	8A, 10A, 13A, 16A, 32A
Rated Voltage	250V
Power Pin Number	3(L, N, PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	>5MΩ

Cable Configuration

Specification	Current	Cable Configuration
MEAC-S-08A-VB-03-5.0M-XXAH	8A	3x2.5mm ² +1x0.75mm ²
MEAC-S-10A-VB-03-5.0M-XXAH	10A	3x2.5mm ² +1x0.75mm ²
MEAC-S-13A-VB-03-5.0M-XXAH	13A	3x2.5mm ² +1x0.75mm ²
MEAC-S-16A-VB-03-5.0M-XXAH	16A	3x2.5mm ² +1x0.75mm ²
MEAC-S-32A-VB-03-5.0M-XXAH	32A	3x6mm ² +1x0.75mm ²

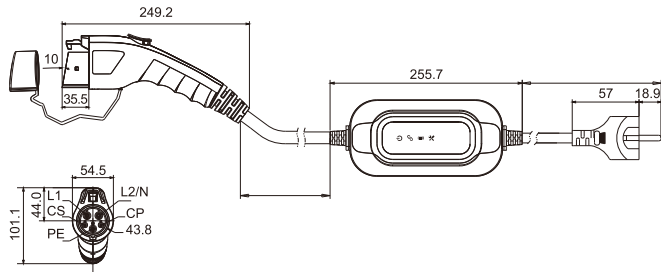
Note: Cable length according to client request.

Type1 Mode 2 AC EV Charger (US)



Vehicle Side+Power Supply Side: Type 1 Mode 2 AC Vehicle connector equips with multiple functions such as charging controll, charging status surveillance, alarming, display etc. convenient and safe charging is available for individual user.

Dimension drawing



Product characteristics

- The charging interface has a lock function and a malfunction prevention function.
- More convenient for portable installation, plug and play, auto-start charging.
- 8A, 10A, 13A, 16A, 32A charging current selection.
- LED multi-color display.

The product definition

Standard	IEC 62196-2:2016
Charging Mode	2
Connection Manner	B
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	≤2000M
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy ,Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<75N
Withstanding Impact Force	Charger can sustain fall from 1 meter height and crush by 2 tons vehicle

Electrical Parameter

Rated Current	8A、10A、13A、16A、32A
Rated Voltage	250V
Power Pin Number	3(L, N, PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	>5MΩ

Cable Configuration

Specification	Current	Cable Configuration
MAAC-S-08A-VB-03-5.0M-XXAH	8A	3x2.5mm ² +1x0.75mm ²
MAAC-S-10A-VB-03-5.0M-XXAH	10A	3x2.5mm ² +1x0.75mm ²
MAAC-S-13A-VB-03-5.0M-XXAH	13A	3x2.5mm ² +1x0.75mm ²
MAAC-S-16A-VB-03-5.0M-XXAH	16A	3x2.5mm ² +1x0.75mm ²
MAAC-S-32A-VB-03-5.0M-XXAH	32A	3x6mm ² +1x0.75mm ²

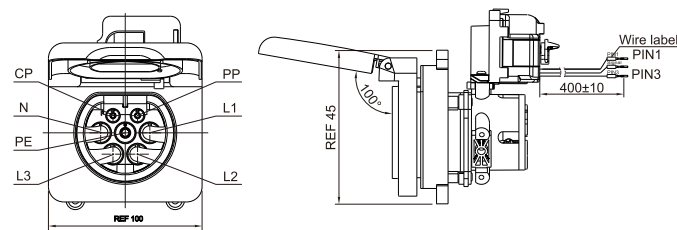
Note: Cable length according to client request.

Type 2 AC Socket-Outlet (EU)



Power supply: charging pile AC charging socket, guarantee more than ten thousand times plug and withdrawal,with electronic lock and electronic lock test mechanism,mechanical unlock mechanism for emergency temperature control device is optional.distinct feature:withdraw connector after finishing charging and cover lod automatic close to achieve IP protection function. Equipped with baffle function,longer service life.

Dimension drawing



Product characteristics

- Equipped with baffle function,protect L,N,longer service life.
- Temperature Monitor,More Safety Charging.
- Excellent Protection Performance,Reliable Material.

The product definition

Standard	IEC 62196-1: 2016
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	5000M
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V/ 480V
Number of power Socket	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(CC, CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ 500V DC 1min
Electromagnetic lock driving voltage	DC 12V
Electromagnetic lock rated power	9w
Electromagnetic lock rod push time	40ms< t <200ms

Cable Configuration

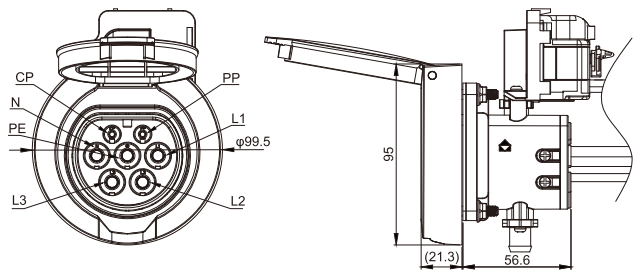
Specification	Current	Cable Configuration
FEAC-S-016A-P4-YY-X.XM-XXAH	16A	3x2.5mm ² +2x0.75mm ²
FEAC-S-032A-P4-YY-X.XM-XXAH	32A	3x6mm ² +2x0.75mm ²
FEAC-T-016A-P4-YY-X.XM-XXAH	16A	5x2.5mm ² +2x0.75mm ²
FEAC-T-032A-P4-YY-X.XM-XXAH	32A	5x6mm ² +2x0.75mm ²

Type 2 AC Socket-Outlet (EU)



Power supply sockets of EV AC charger, guarantee more than ten thousands times plug and with-drawal,with Micro actuator and Micro actuator test mechanism, mechanical unlock mechanism for emergency temperature control device is optional, distinct feature: withdraw connector after finishing charging and cover lid automatic close to achieve IP protection function.

Dimension drawing



Product characteristics

- Modular Design, Fit for Front-Board Installment .
- Temperature Monitor,More Safety Charging.
- Excellent Protection Performance,Reliable Material.

The product definition

Standard	IEC62196-2:2016
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	5000M
Ingress Protection	IP54

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V/ 480V
Number of power Socket	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(CC, CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ 500V DC 1min
Temperature Monitor	NTC

Cable Configuration

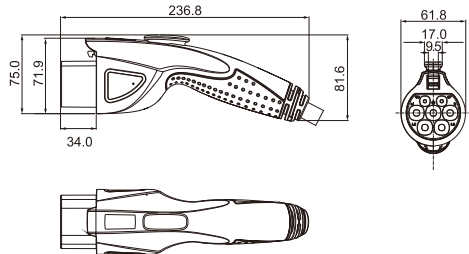
Specification	Current	Cable Configuration
FEAC-S-016A-P-YY-X.XM-XXAH	16A	3x2.5mm ² +2x0.75mm ²
FEAC-S-032A-P-YY-X.XM-XXAH	32A	3x6mm ² +2x0.75mm ²
FEAC-T-016A-P-YY-X.XM-XXAH	16A	5x2.5mm ² +2x0.75mm ²
FEAC-T-032A-P-YY-X.XM-XXAH	32A	5x6.0mm ² +2x0.75mm ²

GB/T AC EV Charger (CN)



Vehicle Side: Electric Vehicle AC Charger , configuration of vehicles connector and customized cable. AC Fast Charging for EV GB/T Vehicle socket, installed in EVSE.
Vehicle Side+Power Supply Side: Electric Vehicle AC Charger with portable cable, configuration of vehicles connector and power supply plug. AC Fast Charging for EV GB/T Vehicle socket and Power Supply Socket.

Dimension drawing



Product characteristics

- Attractive appearance, ergonomics handle design,comfortable handle feeling.
- Temperature monitor function available to ensure a safer charging.
- Safe insulation design for plug to prevent accidental electric shock.
- Excellent protection performance, reliable material.

The product definition

Standard	GB/T 20234.2-2015
Charging Mode	3
Connection Manner	B,C
Current Type	AC
Housing Color	01-Gray 03-Black
Cable color	B-Black O-Orange

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	5000M
Ingress Protection	IP55 (working condition) IP54 (with protective cover)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V/440V
Power Pin Number	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(CC CP)
Signal Pin Current	2A

Cable Configuration

Specification	Current	Cable Configuration
MGAC-S-016A-X-XX-X.XM-XXAH	16A	3x2.5mm ² +1x0.75mm ²
MGAC-S-032A-X-XX-X.XM-XXAH	32A	3x6mm ² +2x0.75mm ²
MGAC-T-032A-X-XX-X.XM-XXAH	32A	5x6mm ² +2x0.75mm ²

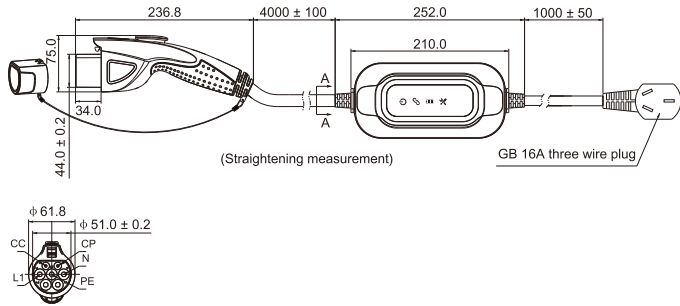
Note: Cable length according to client request.

GB/T Mode 2 AC EV Charger (CN)



GB/T Mode 2 AC Vehicle connector equips with multiple functions-such as charging controll,charging status surveillance, alarming, display etc.Convenient and safe charging is available for individual users.

Dimension drawing



Product characteristics

- Tight lock and misoperation prevention functions is available for charging interface.
- Portable type,installment free,plug and play,convenient charging by automatic reconnection.
- AC 8A、13A、16A is optional.
- Temperature Monitor, Safe Charging.
- Multicolor LED indication lights.

The product definition

Standard	GB/T 20234.2-2015、GB/T 18487.1-2015
Charging Mode	2
Connection Manner	B
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	≤2000M
Ingress Protection	IP55 (working condition)

Major Material

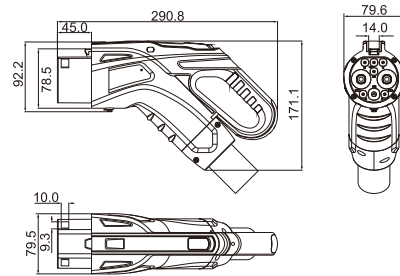
Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PUR
Pin Material	Copper Alloy ,Silver Plated

GB/T DC EV Charger (CN)



DC Electric Vehicle Charger, configuration of vehicles connector and customized cable. DC fast charging for EV GB/T Vehicle socket, installed in EVSE.

Dimension drawing



Product characteristics

- Attractive appearance, ergonomics handle design, comfortable handle feeling.
- Temperature monitor function available to ensure a safer charging.
- Safe insulation design for plug to prevent accidental electric shock.
- Excellent protection performance, reliable material.

The product definition

Standard	GB/T 20234.3-2015
Charging Mode	4
Connection Manner	C
Current Type	DC
Housing Color	03-Black
Cable color	B-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	5000M
Ingress Protection	IP55 (working condition) IP54 (with protective cover)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Housing Material	Reinforced Thermoplastic, UL94V-0
Cap Material	PC
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<140N
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

Electrical Parameter

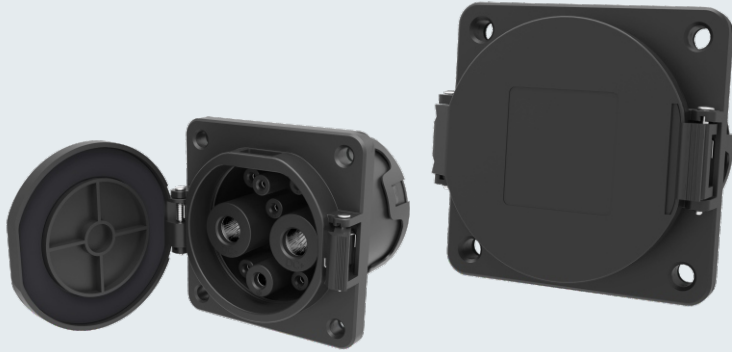
Rated Current	125A, 250A
Rated Voltage	750V/1000V
Power Pin Number	3(PE, DC+, DC-)
Signal Pin Number	4(S+ S-, CC1 CC2)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ, 500V DC
Temperature Monitor	2*PT1000
Electromagnetic Lock driven Voltage	DC 12V
Electromagnetic Lock Power	12W(DC12V)
Electromagnetic Lock Work Time	600ms

Cable Configuration

Specification	Current	Cable Configuration
MGDC-T-125A-V-03-5.0M-XXAH	125A	2X35mm ² +1X25mm ² +2X4.0mm ² +2P(2X0.75mm ²)+P(7X1.0mm ²)
MGDC-T-250A-V-03-5.0M-XXAH	250A	2X80mm ² +1X25mm ² +2X4.0mm ² +2P(2X0.75mm ²)+P(7X1.0mm ²)

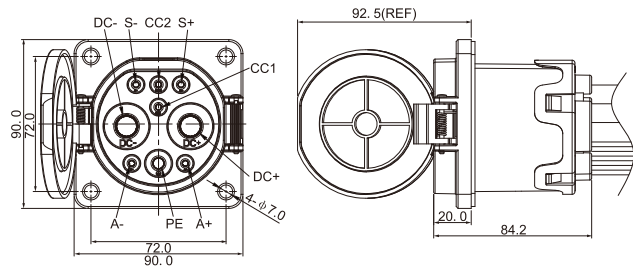
Note: Cable length according to client request.

GB/T DC Vehicle Socket (CN)



GB/T DC vehicle charging socket, suitable for direct current (DC) charging, used in electric vehicles (EV), and used in conjunction with the GB/T DC EV Charger.

Dimension drawing



Product characteristics

- Modular design supports front panel installation.
- Temperature monitoring function, safer charging.
- Superior protection performance, reliable material.

The product definition

Standard	GB/T20234.3-2015
Charging Mode	4
Connection Manner	C
Current Type	DC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	≤5000M
Ingress Protection	IP54

Major Material

Housing Material	Reinforced Thermoplastic, UL94V-0
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<140N
Withstanding Impact Force	Affordable 1 meter height fell or 2 ton car run over pressure

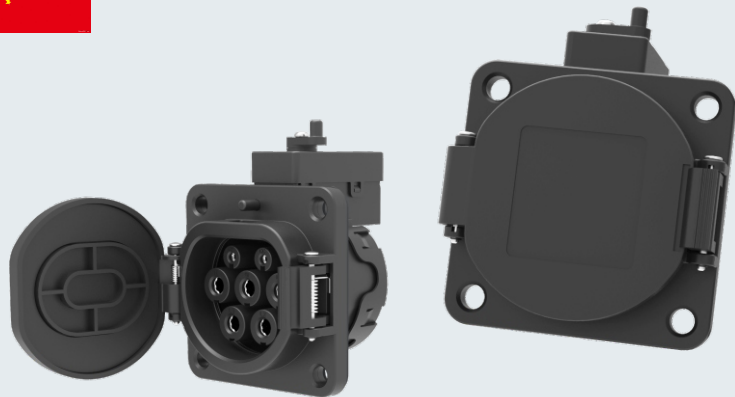
Electrical Parameter

Rated Current	125A, 250A
Rated Voltage	750V/1000V
Power Pin Number	3(DC+, DC-, PE)
Signal Pin Number	6(A+, A-, CC1, CC2, S+, S-)
Signal Pin Current	20A(A+, A-) 2A(CC1, CC2, S+, S-)
Insulation Resistance	≥5MΩ
Temperature Monitor	PT1000

Cable Configuration

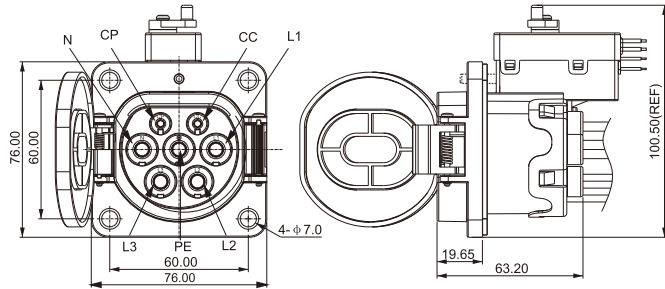
Specification	Current	Cable Configuration
FGDC-T-125A-V-03-0.0M-XXAH	125A	2x35mm ² +1x25mm ² +2x4mm ² +P(4x0.75mm ²)+4x0.5mm ²
FGDC-T-250A-V-03-0.0M-XXAH	250A	2x80mm ² +1x25mm ² +2x4mm ² +P(4x0.75mm ²)+4x0.5mm ²

GB/T AC Vehicle Socket (CN)



Vehicle Side: GB/T AC Vehicle socket, Guaranteed for more than 10,000 times of insertion and pullout, modular design, support for installation in front of the board, emergency mechanical unlocking structure for easy start, with temperature monitoring function.

Dimension drawing



Product characteristics

- Modular design supports front panel installation.
- Temperature monitoring function, safer charging.
- Superior protection performance, reliable material.

The product definition

Standard	GB/T20234-2-2015
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	03-Black
Cable color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	5000M
Ingress Protection	IP55 (working condition) IP54 (with protective cover)

Major Material

Plug material	Reinforced Thermoplastic, UL94V-0
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V/ 440V
Number of power Socket	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(CC, CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ
Temperature Monitor	PT1000
Electromagnetic Lock driven Voltage	DC 12V
Electromagnetic Lock Power	9w
Electromagnetic Lock Work Time	200ms

Cable Configuration

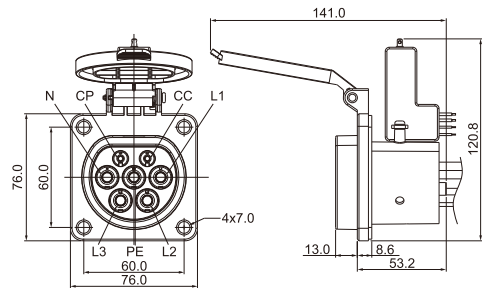
Specification	Current	Cable Configuration
FGAC-S-16A-V-03-0.0M-XXAH	16A	3x2.5mm ² +2 x0.75mm ²
FGAC-S-32A-V-03-0.0M-XXAH	32A	3x6mm ² +2 x0.75mm ²
FGAC-T-32A-V-03-0.0M-XXAH	32A	5x6mm ² +2 x0.75mm ²

GB/T AC Power Supply Socket (CN)



Power supply sockets of EV AC charger, guarantee more than ten thousand times plug and withdrawal, with electronic lock and electronic lock test mechanism, mechanical unlock mechanism for emergency temperature control device is optional, distinct feature: withdraw connector after finishing charging and cover lid automatic close to achieve IP protection function.

Dimension drawing



Product characteristics

- Modular Design, Fit For Front-Board Installment .
- Temperature Monitor, Safer Charging.
- Excellent Protection Performance, Reliable Material.

The product definition

Standard	GB/T 20234.2-2015
Charging Mode	3
Connection Manner	B
Current Type	AC
Housing Color	03-Black

Ambient Condition

Ambient Temperature (working)	-30~50°C
Ambient Temperature (storage)	-40~80°C
Max Altitude	5000M
Ingress Protection	IP55 (working condition); IP54 (with protective cover)

Major Material

Housing Material	Reinforced Thermoplastic, UL94V-0
Pin Material	Copper Alloy, Silver Plated

Mechanical Performance

Insertion & Pullout Times	>10000 times
Insertion & Pullout Force	<100N

Electrical Parameter

Rated Current	16A, 32A
Rated Voltage	250V/ 440V
Number of power Socket	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(CC, CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ 500V DC 1min
Temperature Monitor	PT1000
Electromagnetic Lock driven Voltage	DC 12V
Electromagnetic Lock Power	9w
Electromagnetic Lock Work Time	200ms

Cable Configuration

Specification	Current	Cable Configuration
FGAC-S-016A-P-YY-X.XM-XXAH	16A	2x2.5mm ² +1 x4mm ² +2 x0.75mm ²
FGAC-S-032A-P-YY-X.XM-XXAH	32A	2x6mm ² +1x10mm ² +2 x0.75mm ²
FGAC-T-032A-P-YY-X.XM-XXAH	32A	4x6 mm ² +1x10mm ² +2 x0.75mm ²

Customized Service

DEGSON has complete products, offering various lengths and wire diameters, metric or AWG, and spiral or straight cables. We can also design and produce customized solutions for you. Based on customer needs, we can perform half-stripping, pre-installation or crimping of the cable tail.

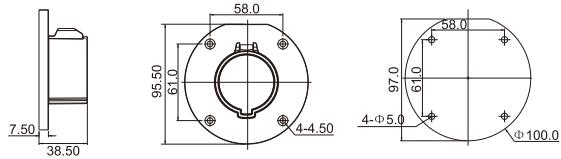


AC spiral charging cable with vehicle charging plug and free outlet end, used to quickly charge electric vehicles (EV) with alternating current (AC) through a type 1 vehicle socket, for installation in electric vehicle charging stations (EVSE).



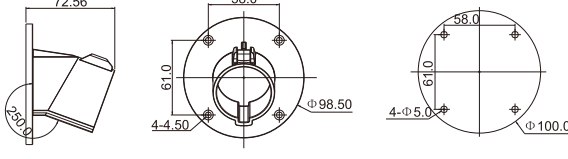
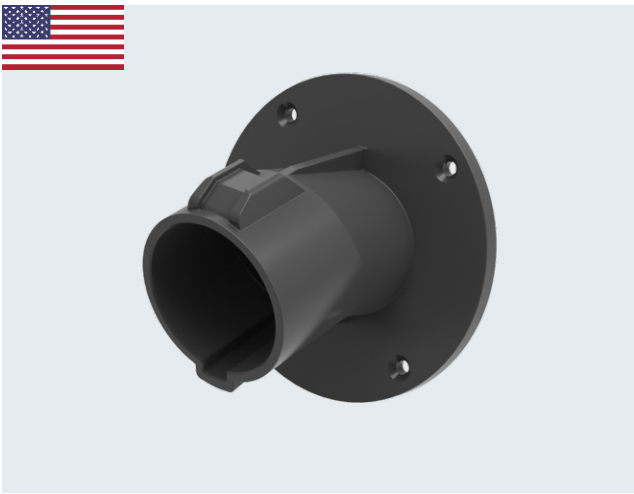
All DEGSON EV Chargers and sockets adopt a unified design Power and signal contacts are silver-plated surface Has passed IATF 16949:2016 certification The handle is ergonomic and easy to operate.

EV Park



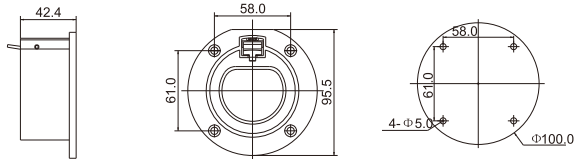
FAAC-V-03-01AH

Inflammability class UL94V-0



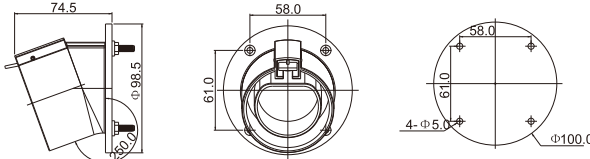
FAAC-V-03-02AH

Inflammability class UL94V-0



FEAC-V-03-01AH

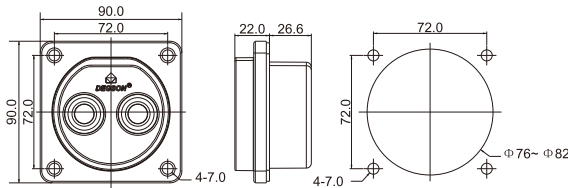
Inflammability class UL94V-0



FEAC-V-03-02AH

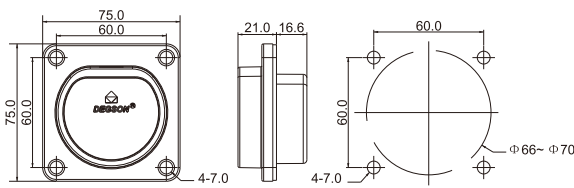
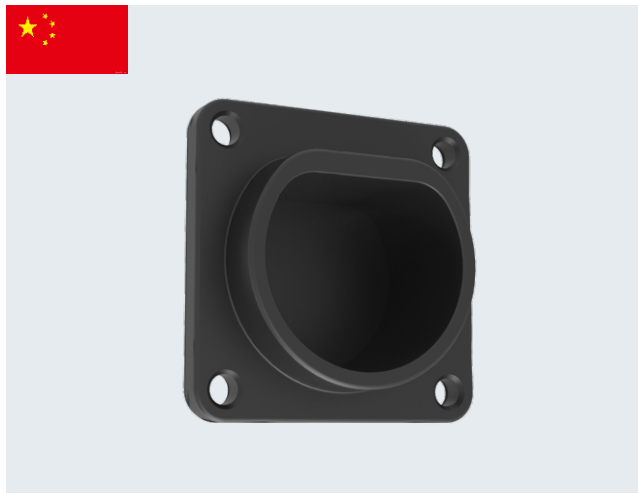
Inflammability class UL94V-0

EV Park



FGDC-03-01AH

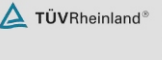
Inflammability class UL94V-0



FGAC-03-01AH

Inflammability class UL94V-0

Certificate

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME		Ref. Certif. No.
		JPTUV-134215
CB TEST CERTIFICATE		
Product	Connector for Conductive Charging of Electric Vehicles	
Name and address of the applicant	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo, 315321 Zhejiang, P.R. China	
Name and address of the manufacturer	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo, 315321 Zhejiang, P.R. China	
Name and address of the factory	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo, 315321 Zhejiang, P.R. China	
Rating and principal characteristics	1000VDC, IP54 Details see test report	
Trademark (if any)	DEGSON	
Customer's Testing Facility (CTF) Stage used	Model / Type Ref.	
Additional information if necessary may also be reported on page 2)	See test report	
A sample of the product was tested and found to be in conformity with	IEC 62196-1:2014 IEC 62196-2:2014	
As shown in the Test Report Ref. No. which forms part of this Certificate	CN21922 001	
This CB Test Certificate is issued by the National Certification Body		
 TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-20-2 Shin Yamanote, Tama-Ku Yokohama 224-8501, Japan Phone +81 45 914-3388 Fax +81 45 914-3354 Mail info@gn.tuv.com Web www.tuv.com		Signature:  Paulus Hou
Date: 2022-04-19		

European Standard Vehicle CB Certificate

CERTIFICATE of Conformity	
Low Voltage Directive 2014/35/EU	
Registration No.: AN 50540810 0001	
Report No.: CN22CUCU 001	
Holder:	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 Zhejiang P.R. China
Product:	Connector (Connector for Conductive Charging of Electric Vehicles)
Identification:	Type Designation : MEDC-T-XA-V-Y-2M-ASH (x = 085, 080, 100, 125, 150, 200) (y = 01, 02, 03, 04, 05) (z = 0.5 - 19.9) (a can be any two numeric characters) Serial No. : Engineering Sample Remark: Issued in conjunction with TÜV Rheinland license # 50419202 0001.
This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.	
Certification Body	
 Date: 19.04.2022 Signature:  TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg	
CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE	

European Standard Vehicle TUV Certificate

Certificate

CERTIFICATE of Conformity	
Low Voltage Directive 2014/35/EU	
Registration No.: AN 50420386 0001	
Report No.: 50181649 001	
Holder:	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 P. R. China
Product:	Plug (Plug for Conductive Charging of Electric Vehicles)
Identification:	Type Designation : MEAC-S-016A-P MEAC-T-016A-P MEAC-S-032A-P MEAC-T-032A-P Serial No. : Engineering Sample Remark: Issued in conjunction with TÜV Rheinland license # 50419202 0001.
This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.	
 Date: 26.10.2018 Signature:  TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg	
CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE	

European Standard Power Supply Plug CE Certificate

Zertifikat Certificate	
Zertifikat No. Certificate No.	Blatt Sheet
R. 50419202	0001
Dr. Zeichen Client Reference	Unter Zeichen Our Reference
01-292-50181649 001	01-292-50181649 001
Arbeitsdatum Date of Issue	24.10.2018
Geprüfter Hersteller License Holder	Fertigungsstätte Manufacturing Plant
NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 P. R. China	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 P. R. China
Prüfzeichen Test Mark	Geprüft nach Tested acc. to
	EN 62196-1:2014 EN 62196-2:2017
Zertifiziertes Produkt (Certificate Identification)	Lizenzentgelt - Einheit License Fee - Unit
Plug (Plug for Conductive Charging of Electric Vehicles)	5
Type Designation : 1) MEAC-S-016A-P 2) MEAC-T-016A-P 3) MEAC-S-032A-P 4) MEAC-T-032A-P	
Rated Voltage : 1) 3) AC 250V (Single-Phase) 2) 4) AC 400V (Three-Phase)	
Rated Current : 1) 2) 16A 3) 4) 32A	
Kind of Construction : Standard Sheet 2-11b	
Configuration : Type 2	
Degree of Protection : IP54	
ANLAGE (Appendix): 1.0	
 Date: 24.10.2018 Signature:  TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg	
CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE	

European Standard Power Supply Plug TUV Certificate

Zertifikat Certificate	
Zertifikat No. Certificate No.	Blatt Sheet
R. 50540810	0001
Dr. Zeichen Client Reference	Unter Zeichen Our Reference
C.R. 01-2YR-CN22CUCU 001	01-2YR-CN22CUCU 001
Arbeitsdatum Date of Issue	19.04.2022
Geprüfter Hersteller License Holder	Fertigungsstätte Manufacturing Plant
NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 Zhejiang P.R. China	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 Zhejiang P.R. China
Prüfzeichen Test Mark	Geprüft nach Tested acc. to
	IEC 62196-1:2014 IEC 62196-2:2014 IEC 17186:2019
Zertifiziertes Produkt (Certificate Identification)	Lizenzentgelt - Einheit License Fee - Unit
Connector (Connector for Conductive Charging of Electric Vehicles)	
Type Designation : MEDC-T-XA-V-Y-2M-ASH (x = 085, 080, 100, 125, 150, 200) (y = 01, 02, 03, 04, 05) (z = 0.5 - 19.9) (a can be any two numeric characters)	
Rated Voltage : DC 1000V	
Rated Current : Max. 200A	
Kind of Construction: Standard Sheet 3-11b	
Configuration : PF	
Degree of Protection: IP54	
ANLAGE (Appendix): 1.0	
 Date: 19.04.2022 Signature:  TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg	
CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE	

European Standard Vehicle TUV Certificate

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME	
CB TEST CERTIFICATE	
Product	Plug for Conductive Charging of Electric Vehicles
Name and address of the applicant	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China
Name and address of the manufacturer	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China
Name and address of the factory	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China
Rating and principal characteristics	15A 250V - single phase for MEAC-S-016A-P and MEAC-S-016A-V 15A 400V - three phase for MEAC-S-032A-P and MEAC-T-032A-V 32A 250V - single phase for MEAC-S-032A-P and MEAC-T-032A-V 32A 400V - three phase for MEAC-T-032A-P and MEAC-T-032A-V (DEGSON/LOGO)
Trademark (if any)	DEGSON/LOGO
Type of Manufacturer's Testing Laboratory used	N/A
Model / Type Ref.	MEAC-S-016A-P, MEAC-S-016A-V MEAC-T-016A-P, MEAC-T-016A-V MEAC-S-032A-P, MEAC-S-032A-V MEAC-T-032A-P, MEAC-T-032A-V For model differences, refer to test report
Additional information if necessary may also be reported on page 2)	IEC 62196-1:2014 IEC 62196-2:2014 See Test Report for National Differences
A sample of the product was tested and found to be in conformity with	IEC 62196-1:2014 IEC 62196-2:2014 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	50419202 001
This CB Test Certificate is issued by the National Certification Body	
 Date: 03.06.2019 Signature:  TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-20-2 Shin Yamanote, Tama-Ku Yokohama 224-8501, Japan Phone +81 45 914-3388 Fax +81 45 914-3354 Mail info@gn.tuv.com Web www.tuv.com	

European Standard Power Supply Plug CB Certificate

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME	
CB TEST CERTIFICATE	
Product	Connector for Conductive Charging of Electric Vehicles
Name and address of the applicant	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China
Name and address of the manufacturer	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China
Name and address of the factory	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China
Rating and principal characteristics	15A 250V - single phase for MEAC-S-016A-P and MEAC-S-016A-V 15A 400V - three phase for MEAC-S-032A-P and MEAC-T-032A-V 32A 250V - single phase for MEAC-S-032A-P and MEAC-T-032A-V 32A 400V - three phase for MEAC-T-032A-P and MEAC-T-032A-V (DEGSON/LOGO)
Trademark (if any)	DEGSON/LOGO
Type of Manufacturer's Testing Laboratory used	N/A
Model / Type Ref.	MEAC-S-016A-P, MEAC-S-016A-V MEAC-T-016A-P, MEAC-T-016A-V MEAC-S-032A-P, MEAC-S-032A-V MEAC-T-032A-P, MEAC-T-032A-V For model differences, refer to test report
Additional information if necessary may also be reported on page 2)	IEC 62196-1:2014 IEC 62196-2:2014 See Test Report for National Differences
A sample of the product was tested and found to be in conformity with	IEC 62196-1:2014 IEC 62196-2:2014 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	50419202 001
This CB Test Certificate is issued by the National Certification Body	
 Date: 03.06.2019 Signature:  TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-20-2 Shin Yamanote, Tama-Ku Yokohama 224-8501, Japan Phone +81 45 914-3388 Fax +81 45 914-3354 Mail info@gn.tuv.com Web www.tuv.com	

European Standard Vehicle CB Certificate

CERTIFICATE of Conformity	
Low Voltage Directive 2014/35/EU	
Registration No.: AN 50420385 0001	
Report No.: 50181648 001	
Holder:	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 P. R. China
Product:	Connector (Connector for Conductive Charging of Electric Vehicles)
Identification:	Type Designation : MEAC-S-016A-V MEAC-T-016A-V MEAC-S-032A-V MEAC-T-032A-V Serial No. : Engineering Sample Remark: Issued in conjunction with TÜV Rheinland license # 50419202 0001.
This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.	
 Date: 24.10.2018 Signature:  TÜV Rheinland LGA Products GmbH · Tillystraße 2 · 90431 Nürnberg	
CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE	

European Standard Vehicle CE Certificate

Certificate

Zertifikat		Certificate	
Zertifikat No. / Certificate No.	50419202	Blatt / Sheet	0003
Ur. Zeichen / Client Reference	01-EMJ-50181648_001	Anstellungsdatum / Date of Issue	24.10.2018
Gesamungabnehmer / License Holder NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 P. R. China		Fertigungsstätte / Manufacturing Plant NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 P. R. China	
Prüfzeichen / Test Mark 	Geprüft nach / Tested acc. to EN 62196-1:2014 EN 62196-2:2017	Zertifiziertes Produkt / Certified Product Connector (Connector for Conductive Charging of Electric Vehicles)	
Type Designation 1) MAAC-S-016A-V 2) MAAC-T-016A-V 3) MAAC-S-032A-V 4) MAAC-T-032A-V			
Rated Voltage 1) 31 AC 250V (Single-Phase) 2) 41 AC 440V (Three-Phase)			
Rated Current 1) 2) 16A 3) 4) 32A			
Kind of Construction : Standard Sheet 2-12e Configuration : Type 2 Degree of Protection : IP54			
ANLAGE (Appendix) : 1.0			

European Standard Vehicle TUV Certificate

IEC / IECÉE / SCHEME		Ref. Certif. No.
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT		JFZUV-097476
SYSTÈME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES ÉQUIPEMENTS ÉLECTRIQUES IECÉE MÉTHODE CC		
CB TEST CERTIFICATE		
CONNECTIF D'ESSAI OC		
Product Connector for Conductive Charging of Electric Vehicles		
Name and address of the applicant NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China		
Name and address of the manufacturer NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China		
Name and address of the factory NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321, P. R. China		
Rating and principal characteristics 15A 250V~ for MAAC-S-016A-V 32A 250V~ for MAAC-S-032A-V (DEGSON/000)		
Trademark of any N/A		
Type of Manufacturer's Testing Laboratory used MAAC-S-016A-V, MAAC-S-032A-V		
For model differences, refer to test report		
IEC 62196-1:2014 IEC 62196-2:2017 See Test Report for National Differences		
As shown in the Test Report Ref. No. which forms part of this Certificate 00000172 001		
This CB Test Certificate is issued by the National Certification Body TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-20-2 Kiba-Nerima, Tokyo 118-8501, Japan Phone +81 43 814-2888 Fax +81 43 814-2884 Mail info@tuev.com Web www.tuev.com		
Date: 04.06.2019		

American Standard Vehicle CB Certificate

Certificate

CERTIFICATE OF COMPLIANCE	
Certificate Number	20190429-E505319
Report Reference	E505319-20190423
Issue Date	2019-APRIL-29
Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services. Look for the UL Recognized Component Mark on the product. This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements. Models USR, CNR - Component, Connector for Electric Vehicles, Cat. Nos. MAAC-S-016A-V, MAAC-S-032A-V, MAAC-S-040A-V, followed by 03, followed by X.XM, followed by 00 thru 9999, followed by AH. # X can be any number which means cable length	
	

American Standard Vehicle UL Certificate

检验报告	
电动汽车直流充电接口	
产品名称	电动汽车直流充电接口
产品型号	见附录 A "表 1 样品型号"
受检单位	宁波高正电子有限公司
检验类别	强制性检验
国家轿车质量监督检验中心	

GB DC EV-Charger Mandatory Inspection Certificate

CERTIFICATE of Conformity	
Low Voltage Directive 2014/35/EU	
Registration No.:	AN 50438286 0001
Report No.:	50250173 001
Holder:	NINGBO DEGSON ELECTRICAL CO., LTD. No.1585, Xiaolin Road Cixi, Ningbo 315321 P. R. China
Product:	Connector (Connector for Conductive Charging of Electric Vehicles)
Identification:	Type Designation : MAAC-S-016A-V MAAC-S-032A-V Serial No. : Engineering Samples Remark: Refer to test report 50250173 001 for details.
This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.	
TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE	

American Standard Vehicle CE Certificate

CERTIFICATE OF COMPLIANCE	
Certificate Number	20190429-E505319
Report Reference	E505319-20190423
Issue Date	2019-APRIL-29
Issued to:	NINGBO DEGSON ELECTRICAL CO LTD XIAOLIN CIXI NINGBO ZHEJIANG 315321 CHINA
This certificate confirms that representative samples of	COMPONENT - ELECTRIC VEHICLE PLUGS, RECEPTACLES AND COUPLERS See addendum page
Standard(s) for Safety:	UL 2251 Plugs, Receptacles, and Couplers for Electric Vehicles CSA C22.2 No. 282-17 Plugs, Receptacles, and Couplers for Electric Vehicles UL 508 ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS CSA C22.2 No. 94.2-15 ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.
This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.	
	

American Standard Vehicle UL Certificate

检验报告	
电动汽车交流充电接口	
产品名称	电动汽车交流充电接口
产品型号	见附录 A "表 1 样品型号"
受检单位	宁波高正电子有限公司
检验类别	强制性检验
国家轿车质量监督检验中心	

GB AC EV-Charger Mandatory Inspection Certificate

IATF 16949 Certificate	
IATF证书号 / 0456153	此为证书 / CN19/21175 译本
宁波高松新能源科技有限公司	
中国浙江宁波市余姚市三七桥路1717号(余姚市海曙区)	
质量管理体系已通过审核，并符合IATF 16949:2016要求	
IATF 16949:2016	
审核日期: 2019年04月15日	
审核范围: 电动汽车充电接口	
审核员: 无	
3年 认证有效期至 2022年04月15日 至 2022年04月15日 并符合IATF 16949:2016要求	
版本号: 2. 当前版本更新于 2022年04月15日	
	
国家轿车质量监督检验中心	

IATF 16949 Certificate