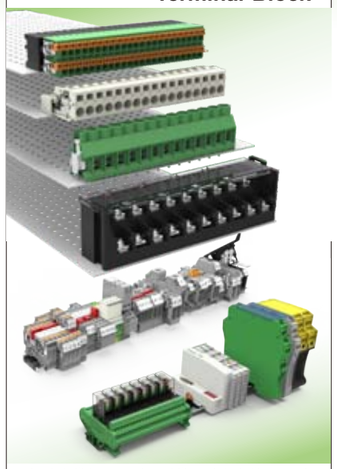
DEGSON is a professional industrial connector manufacturer that offers customized solutions to customers.

DEGSON Terminal Block



DEGSON ELECTRONICS CO.,LTD.

ISO9001 ISO14001 ISO80079-34 IATF16949 RoHS REACH

DEGSON Circular Connectors

DEGSON ELECTRONICS CO.,LTD.

ISO9001 ISO14001 ISO80079-34 IATF16949 RoHS REACH

DEGSON Heavy Duty Connector

DEGSON ELECTRONICS CO.,LTD.

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DEGSON EV Charging Cable

NINGBO GAOSONG NEW ENERGY TECHNOLOGY CO.,LTD.

IATF16949 RoHS REACH

DEGSON Cable harness

DEGSON ELECTRONICS CO.,LTD.

ISO9001 ISO14001 ISO80079-34 IATF16949 RoHS REACH

DEGSON Customized Product

DEGSON ELECTRONICS CO.,LTD.

ISO9001 ISO14001 ISO80079-34 IATF16949 RoHS REACH

DEGSON

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Fax: +86-574-63512345
E-mail: sale@degson.com

The catalog is only for reference,and the detail data must be based on our company`s specification!

DEGSON WEBSITE

EV 21-CE01

DEGSON

EV Charging Cable

NINGBO GAOSONG NEW ENERGY TECHNOLOGY CO.,LTD.

IATF16949 RoHS REACH

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, Russia, 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, 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.

COMPANY HISTORY

DEGSON Germany GmbH Establishment.

1990 — "DENGGAO" Establishment.

2003 — Built relationship with UL, VDE.

2005 2006 — Granted ISO9001 management system certification.

Granted ISO14001 management system certification.

2009

2010 2013 — DEGSON Lab.was authorized as"Authorization of VDE".

DEGSON Lab.was authorized as"Authorization of UL".

UL - CTDP

VDE - TDAP

2011 2014

Pass IECEX & ATEX explosion proof system certification.

Pass balance and caliper standard assessment.

2015

Vietnam factory established

Salesforce CRM E-commerce software were launched

National High-Tech Enterprise.

Moved into the 48,137m^2 new factory.

14,214m^2 Staff Dormitory building has been put into use.

2017 — On January, 2017, Pass IRIS system audit.

2018

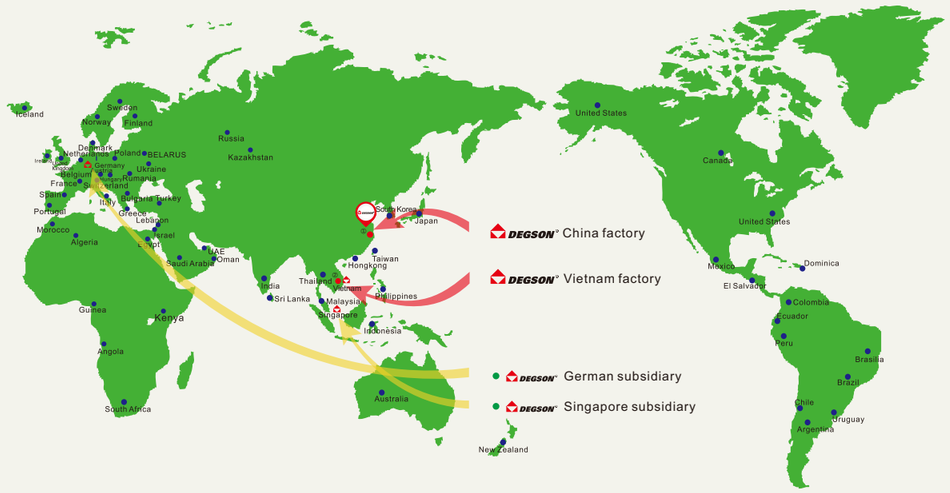
2019 — SAP ERP is put into use

2020

2021 — PLM is put into use

SALES NETWORK

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



DEGSON

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.

IP class tester

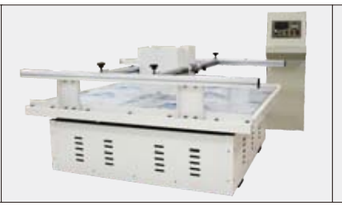
Metallographic analyzer

Pull out force tester

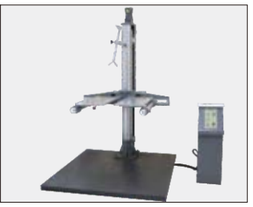
Salt spray tester

Digital withstanding voltage tester

Insulation resistance tester

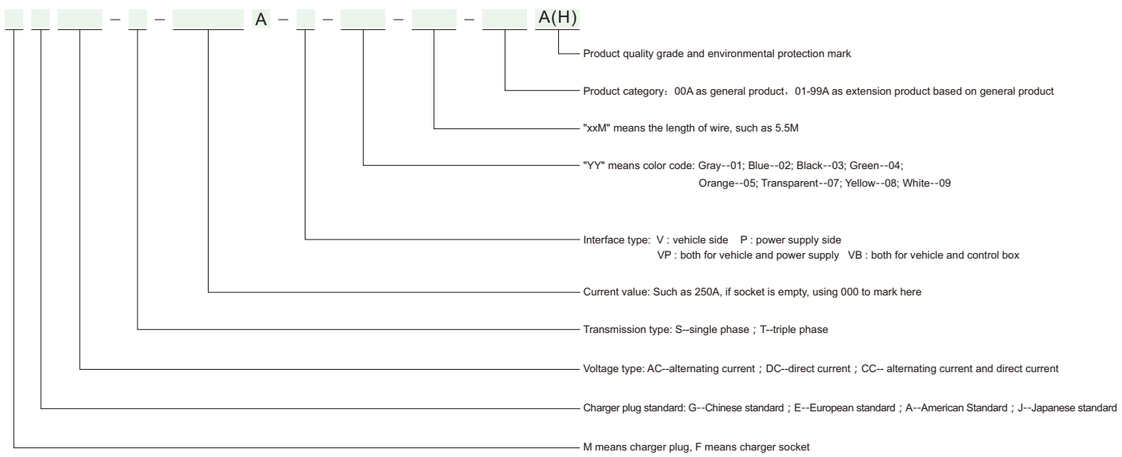


Vibration tester



Drop tester

EV Charger and Socket Code Rule



Such as :

1.EV Charger MGDC-S-250A-V-YY-5.5M-00A(H)

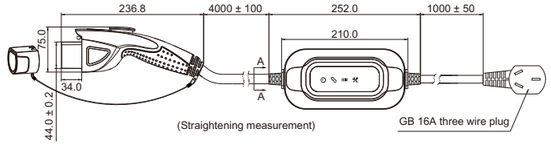
It means: 250A EV charger vehicle side with DC single phase based on Chinese standard, 5.5M wire general product.

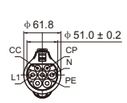
DEGSON

GB/T Mode 2 AC EV Connector (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 availabe 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℃
Ambient Temperature (storage)	-40～80℃
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

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、13A、16A
Rated Voltage	250V AC
Power Pin Number	3(L, N, PE)
Signal Pin Number	2(CC,CP)
Signal Pin Current	2A
Insulation Resistance	>5MΩ 500V DC 1min
Temperature Monitor	1*PT1000

Cable Configuration

Specification	Current	Cable Configuration
MGAC-S-013A-VB-YY-5.0M-XXAH	13A	3x2.5mm²+0.75mm²

Note: Cable length according to client request.

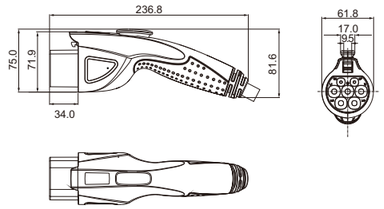
DEGSON

GB/T AC EV Connector (CN)

Vehicle Side: AC Electric Vehicle 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: AC Electric Vehicle 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℃
Ambient Temperature (storage)	-40～80℃
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	3x2.5mm²+1x0.75mm²
MGAC-S-032A-X-XX-X.XM-XXAH	32A	3x6mm²+2x0.75mm²
MGAC-T-032A-X-XX-X.XM-XXAH	32A	5x6mm²+2x0.75mm²

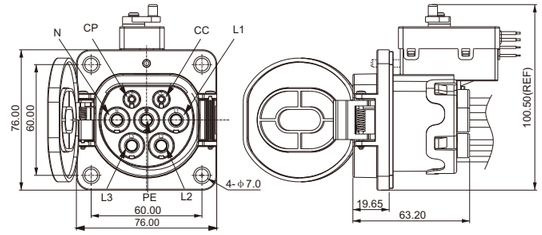
Note: Cable length according to client request.

DEGSON

GB/T AC Vehicle Socket-inlet (CN)

Vehicle Side Socket: 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℃
Ambient Temperature (storage)	-40～80℃
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

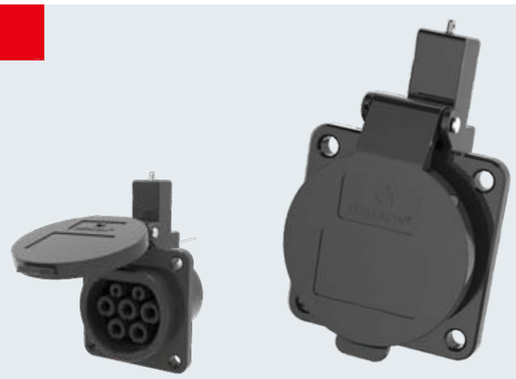
Rated Current	16A, 32A
Rated Voltage	250V/ 440V
Number of power Socket	3(L, N, PE) 5(L1, L2, L3, N, PE)
Signal Pin Number	2(CC, CP)
Signal Pin Current	2A
Insulation Resistance	≥5MΩ
Temperature Monitor	PT1000
Electromagnetic Lock driven Voltage	DC 12V
Electromagnetic Lock Power	9w
Electromagnetic Lock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

Cable Configuration

Specification	Current	Cable Configuration
FGAC-S-16A-V-03-0.0M-XXAH	16A	3x2.5mm²+2 x0.75mm²
FGAC-S-32A-V-03-0.0M-XXAH	32A	3x6mm²+2 x0.75mm²
FGAC-T-32A-V-03-0.0M-XXAH	32A	5x6mm²+2 x0.75mm²

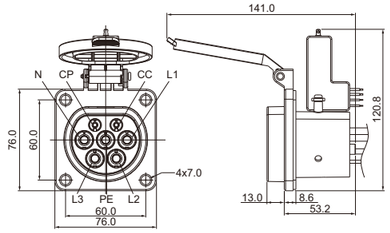
DEGSON

GB/T AC Power Supply Socket-outlet (CN)



Socket: Power supply socket 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,more safety 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℃
Ambient Temperature (storage)	-40～80℃
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

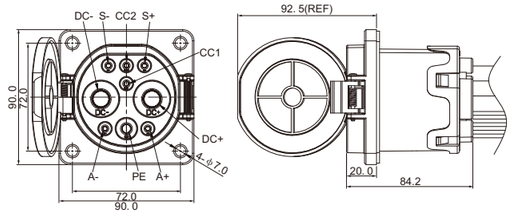
Specification	Current	Cable Configuration
FGAC-S-016A-P-YY-X.XM-XXAH	16A	2x2.5mm^2+1 x4mm^2+2 x0.75mm^2
FGAC-S-032A-P-YY-X.XM-XXAH	32A	2x6mm^2+1x10mm^2+2 x0.75mm^2
FGAC-T-032A-P-YY-X.XM-XXAH	32A	4x6 mm^2+1x10mm^2+2 x0.75mm^2

DEGSON

GB/T DC Vehicle Socket-inlet (CN)

Socket: 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℃
Ambient Temperature (storage)	-40～80℃
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

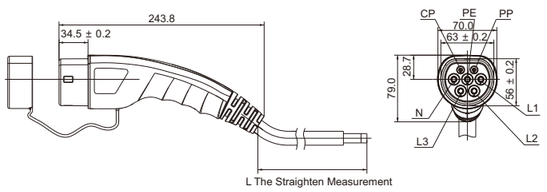
Specification	Current	Cable Configuration
FGDC-T-125A-V-03-0.0M-XXAH	125A	2x35mm^2+1x25mm^2+2x4mm^2+P(4x0.75mm^2)+4x0.5mm^2
FGDC-T-250A-V-03-0.0M-XXAH	250A	2x80mm^2+1x25mm^2+2x4mm^2+P(4x0.75mm^2)+4x0.5mm^2

DEGSON

Type2 AC EV Connector (EU)

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

Dimension drawing



TYPE 2

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.

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℃
Ambient Temperature (storage)	-40～80℃
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	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*2.5mm²+1*0.75mm²
MEAC-S-032A-V1-YY-X.XM-XXAH	32A	En50620 EV 3*6.0mm²+1*0.75mm²
MEAC-T-016A-V1-YY-X.XM-XXAH	16A	En50620 EV 5*2.5mm²+1*0.75mm²
MEAC-T-032A-V1-YY-X.XM-XXAH	32A	En50620 EV 5*6.0mm²+1*0.75mm²

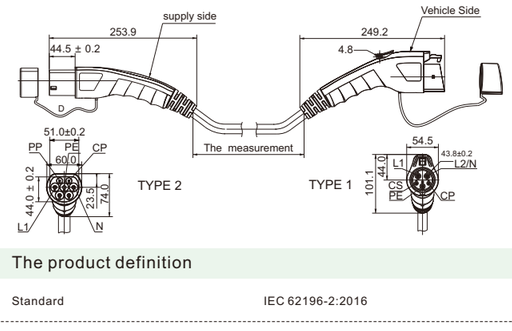
Note: Cable length according to client request.

DEGSON

Type 1 AC EV Connector with Type 2 EV Plug

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

Dimension drawing



TYPE 2 TYPE 1

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℃
Ambient Temperature (storage)	-40～80℃
Ingress Protection	IP54, 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	<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*2.5mm²+1*0.75mm²
MHAC-S-032A-VP1-XX-X.XM-XXAH	32A	EV 3*6.0mm²+1*0.75mm²

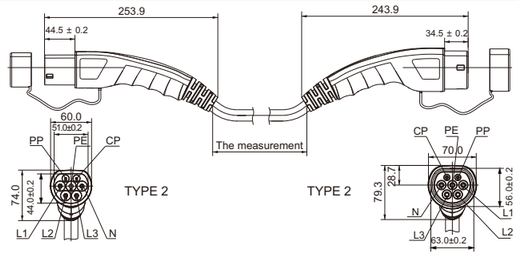
Note: Cable length according to client request.

DEGSON

Type 2 AC EV Connector with Type 2 EV Plug

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

Dimension drawing



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.

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℃
Ambient Temperature (storage)	-40～80℃
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	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

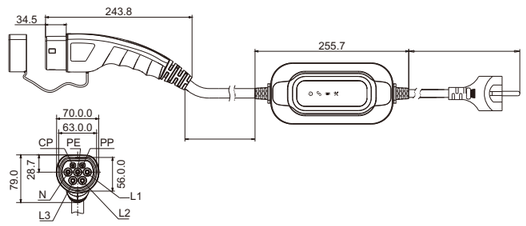
Note: Cable length according to client request.

DEGSON

Type2 Mode 2 AC EV Connector (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 safecharging 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 optional.
- 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℃
Ambient Temperature (storage)	-40～80℃
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	3x2.5mm²+1x0.75mm²
MEAC-S-10A-VB-03-5.0M-XXAH	10A	3x2.5mm²+1x0.75mm²
MEAC-S-13A-VB-03-5.0M-XXAH	13A	3x2.5mm²+1x0.75mm²
MEAC-S-16A-VB-03-5.0M-XXAH	16A	3x2.5mm²+1x0.75mm²
MEAC-S-32A-VB-03-5.0M-XXAH	32A	3x6mm²+1x0.75mm²

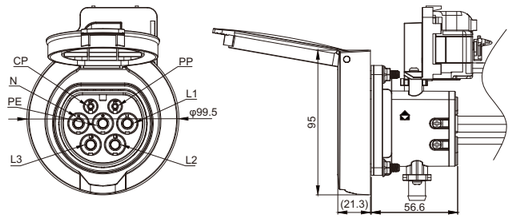
Note: Cable length according to client request.

DEGSON

Type 2 AC Socket-outlet (EU)

Socket: Power supply socket for EVSE, guaran -tee more than ten thousand times plug and withdrawal,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℃
Ambient Temperature (storage)	-40～80℃
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
Micro actuator driven Voltage	DC 12V
Micro actuator Work Time	40ms<t<200ms
Micro actuator rotation angle	80°

Cable Configuration

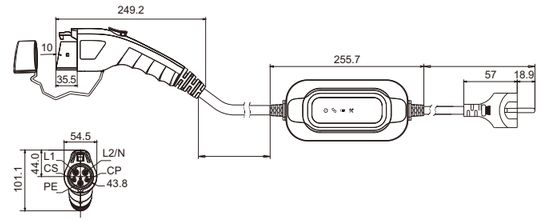
Specification	Current	Cable Configuration
FEAC-S-016A-P-YY-X.XM-XXAH	16A	3x2.5mm²+2x0.75mm²
FEAC-S-032A-P-YY-X.XM-XXAH	32A	3x6mm²+2x0.75mm²
FEAC-T-016A-P-YY-X.XM-XXAH	16A	5x2.5mm²+2x0.75mm²
FEAC-T-032A-P-YY-X.XM-XXAH	32A	5x6.0mm²+2x0.75mm²

DEGSON

Type1 Mode 2 AC EV Connector (US)

Vehicle Side+Power Supply Side: Type 1 Mode 2 AC Vehicle connector equips with multiple fun- ctions 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 optional.
- 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℃
Ambient Temperature (storage)	-40～80℃
Max Altitude	≤2000M
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	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

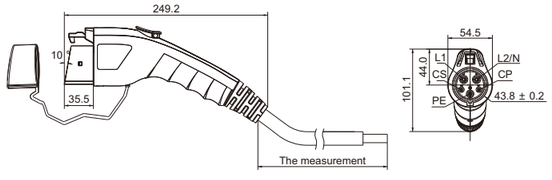
Specification	Current	Cable Configuration
MAAC-S-08A-VB-03-5.0M-XXAH	8A	3x2.5mm²+1x0.75mm²
MAAC-S-10A-VB-03-5.0M-XXAH	10A	3x2.5mm²+1x0.75mm²
MAAC-S-13A-VB-03-5.0M-XXAH	13A	3x2.5mm²+1x0.75mm²
MAAC-S-16A-VB-03-5.0M-XXAH	16A	3x2.5mm²+1x0.75mm²
MAAC-S-32A-VB-03-5.0M-XXAH	32A	3x6mm²+1x0.75mm²

Note: Cable length according to client request.

Type1 AC EV Connector (US)

AC Vehicle Side: Electric Vehicle 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℃
Ambient Temperature (storage)	-40～80℃
Ingress Protection	Type 3S

主要材料 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

Note: Cable length according to client request.

DEGSON

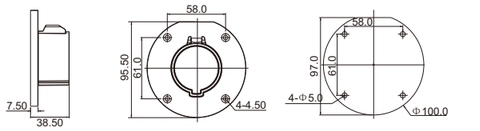
Customized Service

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).

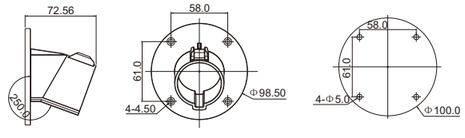
All DEGSON EV Chargers and sockets adopt a unified design Power and signal contacts are silver-plated surface Has passed IATF 16949:2016 certification The handle is ergonomic and easy to operate.

EV Park



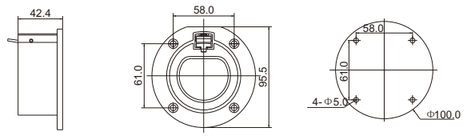
FAAC-V-03-01AH

Inflammability class	UL94V-0



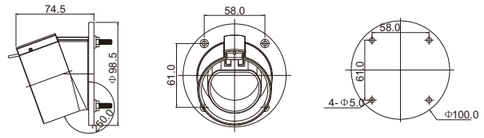
FAAC-V-03-02AH

Inflammability class	UL94V-0



FEAC-V-03-01AH

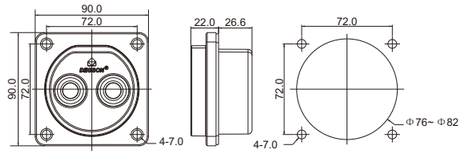
Inflammability class	UL94V-0



FEAC-V-03-02AH

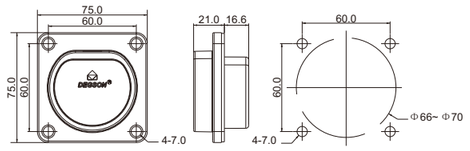
Inflammability class	UL94V-0

EV Park



FGDC-03-01AH

Inflammability class	UL94V-0



FGAC-03-01AH

Inflammability class	UL94V-0

Certificate

European Standard Power
Supply Plug CB Certificate

European Standard Power
Supply Plug CE Certificate

European Standard Power
Supply Plug TUV Certificate

European Standard
Vehicle CB Certificate

European Standard
Vehicle CE Certificate

European Standard
Vehicle TUV Certificate

American Standard
Vehicle CB Certificate

American Standard
Vehicle CE Certificate

Certificate

American Standard
Vehicle UL Certificate

American Standard
Vehicle UL Certificate

GB DC EV-Charger Mandatory
Inspection Certificate

GB AC EV-Charger Mandatory
Inspection Certificate

ENVIRONMENTAL POLICY

DEGSON realizes system regulation without lead in 2005 and has been granted ISO14001 in 2006. All the products conform to the European ROHS requirement.

DEGSON realizes the importance to protect environment resources, selfconsciously meets environment protection requirements for products and regardsit as the responsibility.

Thus, we have made the following environment strategic policy:

1.To meet customers'demands and obey the national and local laws and regulations as well as other environmental protection requirements.

2.Take environmental protection as one criterion for continuing development of our company. Insist on fully development of quality, benefit and environ mental protection.

3.Fully considering the factors which will influence the environment in the processes of product development, manufacturing, material usage and waste processing, establish management system of waste in order to improve the environment of our company.

4.To increase the employees' consciousness of environmental protection through training and to realize the continuing improvement of environment management system and the ability of environmental protection.

5.To make full use of resources and to decrease consumption of material in order to save energy.

6.To promise to our partners and society that we will make contribution to environment protection. There is only one Earth for our humanity.

7.To strive for making conservation-oriented and environment-friendly products through continuous innovation and developing new materials and technology.

RoHS COMPLIANT