

# Katalog

## Ladestecker E-Mobility



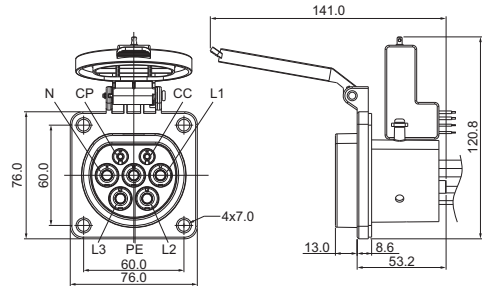
国标交流供电端插座 GB/T AC power supply socket (CN)



电动汽车交流充电插座供电端，万次以上插拔保证，具备电子锁及电子锁止检测机制，便于启动的应急机械解锁机构，具有可选的温控装置，最大特点：充电结束后，插头拔出，翻盖可自动闭合起到IP防护作用。

Power supply sockets of EV AC charger, guarantee more than ten thousands 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.

产品尺寸示意图 Dimension drawing



产品特点 Product characteristics

- 模块化设计支持板前安装。  
Modular Design, Fit For Front-Board Installment .
- 温度监控功能，充电更安全。  
Temperature Monitor, More Safety Charging.
- 优越的防护性能、可靠性的材料。  
Excellent Protection Performance, Reliable Material.

产品定义 The product definition

|                           |                   |
|---------------------------|-------------------|
| 标准<br>Standard            | GB/T 20234.2-2015 |
| 充电模式<br>Charging Mode     | 3                 |
| 连接方式<br>Connection Manner | B                 |
| 充电电流类型<br>Current Type    | AC                |
| 外壳颜色<br>Housing Color     | 03-黑色<br>03-Black |

环境条件 Ambient Condition

|                                           |                                                                            |
|-------------------------------------------|----------------------------------------------------------------------------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃                                                                    |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃                                                                    |
| 最高海拔<br>Max Altitude                      | 5000M                                                                      |
| 防护等级<br>Ingress Protection                | 工作状态IP55，保护盖IP54<br>IP55 (working condition); IP54 (with protective cover) |

主要材料 Major Material

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 外壳材料<br>Housing Material | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 插孔材料<br>Socket Material  | 铜合金+表面镀银<br>Copper Alloy, Ag Plated                       |

机械性能 Mechanical Performance

|                                   |                          |
|-----------------------------------|--------------------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 次<br>>10000 times |
| 插拔力<br>Insertion & Pullout Force  | <100N                    |

电气特性 Electrical Parameter

|                                                |                                     |
|------------------------------------------------|-------------------------------------|
| 额定电流<br>Rated Current                          | 16A, 32A                            |
| 额定电压<br>Rated Voltage                          | 250V/ 440V                          |
| 动力插孔数<br>Number of power Socket                | 3(L, N, PE)<br>5(L1, L2, L3, N, PE) |
| 信号触点数<br>Signal Pin Number                     | 2(CC, CP)                           |
| 信号触点的额定电流<br>Signal Pin Current                | 2A                                  |
| 绝缘电阻<br>Insulation Resistance                  | ≥5MΩ 500V DC 1min                   |
| 温度监控<br>Temperature Monitor                    | PT1000                              |
| 电磁锁驱动电压<br>Electromagnetic Lock driven Voltage | DC 12V                              |
| 电磁锁额定功率<br>Electromagnetic Lock Power          | 9w                                  |
| 电磁锁杆推出时间<br>Electromagnetic Lock Work Time     | 200ms                               |

线缆配置 Cable Configuration

| 规格<br>Specification        | 电流<br>Current | 线缆配置<br>Cable Configuration                                      |
|----------------------------|---------------|------------------------------------------------------------------|
| FGAC-S-016A-P-YY-X.XM-XXAH | 16A           | 3x2.5mm <sup>2</sup> +2 x0.75mm <sup>2</sup>                     |
| FGAC-S-032A-P-YY-X.XM-XXAH | 32A           | 2x6mm <sup>2</sup> +1x10mm <sup>2</sup> +2 x0.75mm <sup>2</sup>  |
| FGAC-T-032A-P-YY-X.XM-XXAH | 32A           | 4x6 mm <sup>2</sup> +1x10mm <sup>2</sup> +2 x0.75mm <sup>2</sup> |

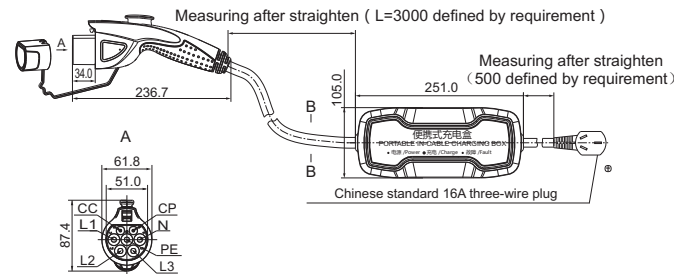
国标交流车辆端模式2充电枪 GB/T Mode 2 AC Vehicle connector (CN)



电动汽车国标交流车辆端模式2充电枪具有充电控制、充电状态监测、报警、显示等多功能充电器，可以让电动汽车个人用户享受便捷、安全的家庭式充电。

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.

产品尺寸示意图 Dimension drawing



产品特点 Product characteristics

- 充电接口具备锁紧和防误操作功能。  
Tight lock and misoperation prevention functions is available for charging interface.
- 便携式免安装，即插即用，自启动充电更方便。  
Portable type, installment free, plug and play, convenient charging by automatic reconnection.
- 8A、13A、16A充电电流选择。  
AC 8A、13A、16A is optional.
- 温度监控，充电更安全。  
Temperature Monitor, Safe Charging.
- LED多种颜色指示。  
Multicolor LED indication lights.

产品定义 The product definition

|                           |                                     |
|---------------------------|-------------------------------------|
| 标准<br>Standard            | GB/T 20234.2-2015、GB/T 18487.1-2015 |
| 充电模式<br>Charging Mode     | 2                                   |
| 连接方式<br>Connection Manner | B                                   |
| 充电电流类型<br>Current Type    | AC                                  |
| 外壳颜色<br>Housing Color     | 03-黑色<br>03-Black                   |
| 线缆颜色<br>Cable color       | 03-黑色<br>03-Black                   |

环境条件 Ambient Condition

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃                              |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃                              |
| 最高海拔<br>Max Altitude                      | ≤2000M                               |
| 防护等级<br>Ingress Protection                | 工作状态IP55<br>IP55 (working condition) |

主要材料 Major Material

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 插头材料<br>Plug material    | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 外壳材料<br>Housing Material | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 保护盖材料<br>Cap Material    | TPU                                                       |
| 插针材料<br>Pin Material     | 铜合金+表面镀银<br>Copper Alloy, Ag Plated                       |

机械性能 Mechanical Performance

|                                   |                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 次<br>>10000 times                                                                         |
| 插拔力<br>Insertion & Pullout Force  | <100N                                                                                            |
| 抗冲击力<br>Withstanding Impact Force | 充电接口可承受1米高度跌落与2吨汽车碾压<br>Charger can sustain fall from 1 meter height and crush by 2 tons vehicle |

电气特性 Electrical Parameter

|                                 |                   |
|---------------------------------|-------------------|
| 额定电流<br>Rated Current           | 8A、13A、16A        |
| 额定电压<br>Rated Voltage           | 220V AC           |
| 动力插针数<br>Power Pin Number       | 3(L, N, PE)       |
| 信号触点数<br>Signal Pin Number      | 2(CC, CP)         |
| 信号触点的额定电流<br>Signal Pin Current | 2A                |
| 绝缘电阻<br>Insulation Resistance   | >5MΩ 500V DC 1min |
| 温度监控<br>Temperature Monitor     | 1*PT1000          |

线缆配置 Cable Configuration

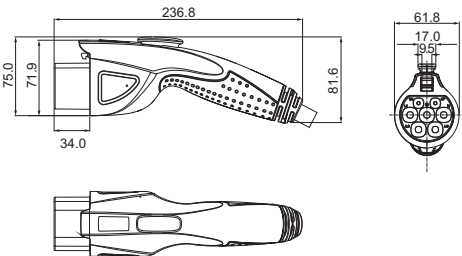
| 规格<br>Specification         | 电流<br>Current | 线缆配置<br>Cable Configuration               |
|-----------------------------|---------------|-------------------------------------------|
| MGAC-S-013A-VB-YY-5.0M-XXAH | 13A           | 3x2.5mm <sup>2</sup> +0.75mm <sup>2</sup> |

注：线缆长度按需求。  
Note: Cable length according to client request.

国标交流充电枪 GB/T AC EV Charger (CN)



产品尺寸示意图 Dimension drawing



产品特点 Product characteristics

- 造型美观、手柄设计符合人机工程学原理，握感舒适。  
Attractive appearance, ergonomics handle design, comfortable handle feeling.
- 温度监控功能，充电更安全。  
Temperature monitor function available to ensure a safer charging.
- 插头采用安全绝缘设计，防止人手意外接触。  
Safe insulation design for plug to prevent accidental electric shock.
- 优越的防护性能、可靠性的材料。  
Excellent protection performance, reliable material.

产品定义 The product definition

|                           |                                 |
|---------------------------|---------------------------------|
| 标准<br>Standard            | GB/T 20234.2-2015               |
| 充电模式<br>Charging Mode     | 3                               |
| 连接方式<br>Connection Manner | B,C                             |
| 充电电流类型<br>Current Type    | AC                              |
| 外壳颜色<br>Housing Color     | 01-灰色、03-黑色<br>01-Gray 03-Black |
| 线缆颜色<br>Cable color       | B-黑色、O-橙色<br>B-black O-orange   |

环境条件 Ambient Condition

|                                           |         |
|-------------------------------------------|---------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃ |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃ |
| 最高海拔<br>Max Altitude                      | 5000M   |

|                            |                                                                           |
|----------------------------|---------------------------------------------------------------------------|
| 防护等级<br>Ingress Protection | 工作状态IP55，保护盖IP54<br>IP55 (working condition) IP54 (with protective cover) |
|----------------------------|---------------------------------------------------------------------------|

主要材料 Major Material

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 插头材料<br>Plug material    | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 外壳材料<br>Housing Material | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 保护盖材料<br>Cap Material    | TPU                                                       |
| 插针材料<br>Pin Material     | 铜合金+表面镀银<br>Copper Alloy, Ag Plated                       |

机械性能 Mechanical Performance

|                                   |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 次<br>>10000 times                                                          |
| 插拔力<br>Insertion & Pullout Force  | <100N                                                                             |
| 抗冲击力<br>Withstanding Impact Force | 可承受1米高度跌落与2吨汽车碾压<br>Affordable 1 meter height fell or 2 ton car run over pressure |

电气特性 Electrical Parameter

|                                 |                                     |
|---------------------------------|-------------------------------------|
| 额定电流<br>Rated Current           | 16A, 32A                            |
| 额定电压<br>Rated Voltage           | 250V/440V                           |
| 动力插针数<br>Power Pin Number       | 3(L, N, PE)<br>5(L1, L2, L3, N, PE) |
| 信号触点数<br>Signal Pin Number      | 2(CC CP)                            |
| 信号触点的额定电流<br>Signal Pin Current | 2A                                  |

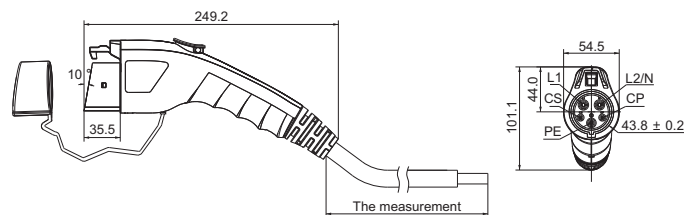
线缆配置 Cable Configuration

| 规格<br>Specification        | 电流<br>Current | 线缆配置<br>Cable Configuration                 |
|----------------------------|---------------|---------------------------------------------|
| MGAC-S-016A-X-XX-X.XM-XXAH | 16A           | 3x2.5mm <sup>2</sup> +1x0.75mm <sup>2</sup> |
| MGAC-S-032A-X-XX-X.XM-XXAH | 32A           | 3x6mm <sup>2</sup> +1x0.75mm <sup>2</sup>   |
| MGAC-T-032A-X-XX-X.XM-XXAH | 32A           | 5x6mm <sup>2</sup> +1x0.75mm <sup>2</sup>   |

美标交流车辆端充电枪 Type1 AC Vehicle Connector (US)



产品尺寸示意图 Dimension drawing



产品特点 Product characteristics

- 充电枪外形流畅简洁，手柄握感舒服，操作方便安全。  
Concise and flowing appearance, comfortable handle, safe and convenient operation.
- 充电枪符合SAE J1772-2017标准，互换使用性好。  
EV-charger meets SAE J1772-2017 standard and has good interchangeability.
- 充电枪线缆应用于电动汽车充电，可采用模式2，模式3充电。  
EV-charger cabling are used in electric vehicle charging, suitable for Charging in both mode 2 and mode 3.

产品定义 The product definition

|                           |                   |
|---------------------------|-------------------|
| 标准<br>Standard            | SAE J1772-2017    |
| 充电模式<br>Charging Mode     | 2,3               |
| 连接方式<br>Connection Manner | C                 |
| 充电电流类型<br>Current Type    | AC                |
| 外壳颜色<br>Housing Color     | 03-黑色<br>03-Black |
| 线缆颜色<br>Cable color       | 03-黑色<br>03-black |

环境条件 Ambient Condition

|                                           |         |
|-------------------------------------------|---------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃ |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃ |
| 防护等级<br>Ingress Protection                | Type 3S |

主要材料 Major Material

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 插头材料<br>Plug material    | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 外壳材料<br>Housing Material | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 保护盖材料<br>Cap Material    | TPU                                                       |
| 插针材料<br>Pin Material     | 铜合金+表面镀银<br>Copper Alloy, Ag Plated                       |

机械性能 Mechanical Performance

|                                   |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 次<br>>10000 times                                                          |
| 插拔力<br>Insertion & Pullout Force  | <75N                                                                              |
| 抗冲击力<br>Withstanding Impact Force | 可承受1米高度跌落与2吨汽车碾压<br>Affordable 1 meter height fell or 2 ton car run over pressure |

电气特性 Electrical Parameter

|                                 |                    |
|---------------------------------|--------------------|
| 额定电流<br>Rated Current           | 16A, 32A, 40A      |
| 额定电压<br>Rated Voltage           | 120V/240V          |
| 动力插针数<br>Power Pin Number       | 3(PE, L, N)        |
| 信号触点数<br>Signal Pin Number      | 2(CS, CP)          |
| 信号触点的额定电流<br>Signal Pin Current | 2A                 |
| 绝缘电阻<br>Insulation Resistance   | ≥5MΩ, 500V DC 1min |

线缆配置 Cable Configuration

| 规格<br>Specification        | 电流<br>Current | 线缆配置<br>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      |

注：线缆长度按需求。  
Note: Cable length according to client request.

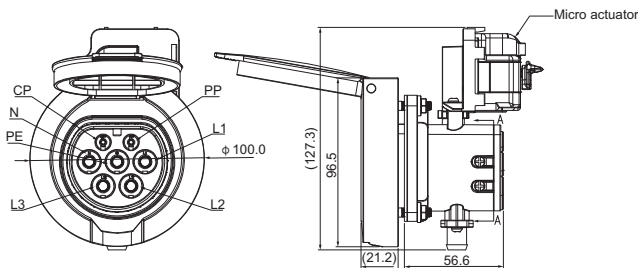
欧标交流车辆端插座 Type 2 AC Socket-Outlet



交流充电枪电源插座保证插拔数十万次，带微型执行器和微型执行器测试机理，紧急温控装置机械解锁机构可选，特点：退出插头后完成充电和盖子自动关闭，实现IP保护功能。

Power supply sockets of EV AC charger, guarantee more than ten thousands 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

- 模块化设计，适合前板安装。  
Modular Design, Fit For Front-Board Installment .
- 温度监控器，更安全充电。  
Temperature Monitor, More Safety Charging.
- 卓越的保护性能，可靠的材料。  
Excellent Protection Performance, Reliable Material.

产品定义 The product definition

|                           |                   |
|---------------------------|-------------------|
| 标准<br>Standard            | IEC62196-2:2016   |
| 充电模式<br>Charging Mode     | 3                 |
| 连接方式<br>Connection Manner | B                 |
| 充电电流类型<br>Current Type    | AC                |
| 外壳颜色<br>Housing Color     | 03-黑色<br>03-Black |

环境条件 Ambient Condition

|                                           |         |
|-------------------------------------------|---------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃ |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃ |
| 最高海拔<br>Max Altitude                      | 5000M   |
| 防护等级<br>Ingress Protection                | IP54    |

主要材料 Major Material

|                          |                                   |
|--------------------------|-----------------------------------|
| 插头材料<br>Plug material    | Reinforced Thermoplastic, UL94V-0 |
| 外壳材料<br>Housing Material | Copper Alloy, Ag Plated           |

机械性能 Mechanical Performance

|                                   |              |
|-----------------------------------|--------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 times |
| 插拔力<br>Insertion & Pullout Force  | <100N        |

电气特性 Electrical Parameter

|                                            |                                     |
|--------------------------------------------|-------------------------------------|
| 额定电流<br>Rated Current                      | 16A, 32A                            |
| 额定电压<br>Rated Voltage                      | 250V/480V                           |
| 动力插孔数<br>Number of power Socket            | 3(L, N, PE)<br>5(L1, L2, L3, N, PE) |
| 信号触点数<br>Signal Pin Number                 | 2(CC, CP)                           |
| 信号触点的额定电流<br>Signal Pin Current            | 2A                                  |
| 绝缘电阻<br>Insulation Resistance              | ≥5MΩ 500V DC 1min                   |
| 温度监控<br>Temperature Monitor                | PT1000(Optional)                    |
| 微型执行器驱动<br>Micro actuator driven Voltage   | DC 12V                              |
| 电流消耗<br>Current consumption                | <2.4A                               |
| 微型执行器工作时间<br>Micro actuator Work Time      | 40ms<t<200ms                        |
| 微型执行器旋转角度<br>Micro actuator rotation angle | 80°                                 |

线缆配置 Cable Configuration

| 规格<br>Specification        | 电流<br>Current    | 线缆配置<br>Cable Configuration                 |
|----------------------------|------------------|---------------------------------------------|
| FEAC-S-016A-P-YY-X.XM-XXAH | 16A single phase | 3x2.5mm <sup>2</sup> +2x0.75mm <sup>2</sup> |
| FEAC-S-032A-P-YY-X.XM-XXAH | 32A single phase | 3x6mm <sup>2</sup> +2x0.75mm <sup>2</sup>   |
| FEAC-T-016A-P-YY-X.XM-XXAH | 16A three phase  | 5x2.5mm <sup>2</sup> +2x0.75mm <sup>2</sup> |
| FEAC-T-032A-P-YY-X.XM-XXAH | 32A three phase  | 5x6.0mm <sup>2</sup> +2x0.75mm <sup>2</sup> |

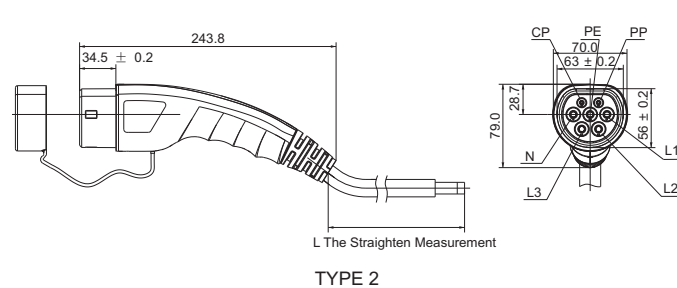
欧标交流车辆端充电枪 Type2 AC Vehicle Connector (EU)



车辆端：电动汽车AC充电电缆，配置车辆充电插头及自由线缆，通过 IEC 62196.2 -2014车辆插口以交流电（AC）为电动汽车（EV）快速充电，安装于电动汽车充电桩。

Vehicle Side: Electric Vehicle AC Charger, configuration of vehicles connector and customized cable. AC fast Charging for EV via IEC 62196.2 -2014 Vehicle socket, installed in EV Charging Point.

产品尺寸示意图 Dimension drawing



产品特点 Product characteristics

- 充电枪外形流畅简洁，手柄握感舒服，操作方便安全。  
Concise and flowing appearance, comfortable handle, safe and convenient operation.
- 充电枪符合IEC62196.2-2014标准，互换使用性好。  
EV-charger meets IEC62196.2-2014 standard and has good interchangeability.
- 充电枪线缆应用于电动汽车充电，可采用模式2，模式3充电。  
EV-charger cabling are used in electric vehicle charging, suitable for Charging in both mode 2 and mode 3.

产品定义 The product definition

|                           |                   |
|---------------------------|-------------------|
| 标准<br>Standard            | IEC 62196.2 -2016 |
| 充电模式<br>Charging Mode     | 2,3               |
| 连接方式<br>Connection Manner | C                 |
| 充电电流类型<br>Current Type    | AC                |
| 外壳颜色<br>Housing Color     | 03-黑色<br>03-Black |
| 线缆颜色<br>Cable color       | 03-黑色<br>03-black |

环境条件 Ambient Condition

|                                           |         |
|-------------------------------------------|---------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃ |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃ |
| 防护等级<br>Ingress Protection                | IP54    |

主要材料 Major Material

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 插头材料<br>Plug material    | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 外壳材料<br>Housing Material | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 保护盖材料<br>Cap Material    | TPU                                                       |
| 插针材料<br>Pin Material     | 铜合金+表面镀银<br>Copper Alloy, Ag Plated                       |

机械性能 Mechanical Performance

|                                   |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 次<br>>10000 times                                                          |
| 插拔力<br>Insertion & Pullout Force  | <100N                                                                             |
| 抗冲击力<br>Withstanding Impact Force | 可承受1米高度跌落与2吨汽车碾压<br>Affordable 1 meter height fell or 2 ton car run over pressure |

电气特性 Electrical Parameter

|                                 |                                     |
|---------------------------------|-------------------------------------|
| 额定电流<br>Rated Current           | 16A, 32A                            |
| 额定电压<br>Rated Voltage           | 250V/440V                           |
| 动力插针数<br>Power Pin Number       | 3(L, N, PE)<br>5(L1, L2, L3, N, PE) |
| 信号触点数<br>Signal Pin Number      | 2(PP CP)                            |
| 信号触点的额定电流<br>Signal Pin Current | 2A                                  |
| 绝缘电阻<br>Insulation Resistance   | ≥5MΩ , 500V DC 1min                 |

线缆配置 Cable Configuration

| 规格<br>Specification         | 电流<br>Current    | 线缆配置<br>Cable Configuration                            |
|-----------------------------|------------------|--------------------------------------------------------|
| MEAC-S-016A-V1-YY-X.XM-XXAH | 16A single phase | En50620 EV 3*2.5mm <sup>2</sup> +1*0.75mm <sup>2</sup> |
| MEAC-S-032A-V1-YY-X.XM-XXAH | 32A single phase | En50620 EV 3*6.0mm <sup>2</sup> +1*0.75mm <sup>2</sup> |
| MEAC-T-016A-V1-YY-X.XM-XXAH | 16A three phase  | En50620 EV 5*2.5mm <sup>2</sup> +1*0.75mm <sup>2</sup> |
| MEAC-T-032A-V1-YY-X.XM-XXAH | 32A three phase  | En50620 EV 5*6.0mm <sup>2</sup> +1*0.75mm <sup>2</sup> |

注：线缆长度按需求。  
Note: Cable length according to client request.

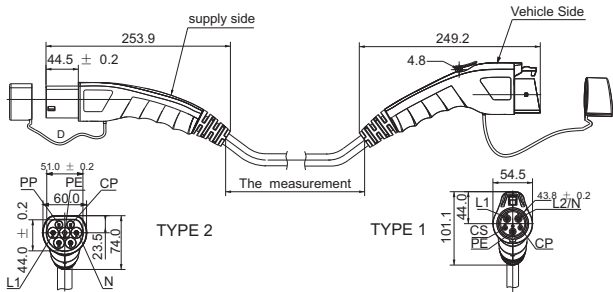
美标、欧标交流双头充电枪 Type 1 AC Vehicle connector with Type 2 Power supply plug



**车辆端+供电端：**电动汽车AC移动式充电枪，配置车辆插头和供电插头，通过SAEJ1772-2017和IEC 62196.2-2014车辆插口和供电插口以交流电（AC）为电动汽车（EV）快速充电。

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 62196.2-2014 Vehicle socket and Power Supply Socket.

产品尺寸示意图 Dimension drawing



产品特点 Product characteristics

- 充电枪外形流畅简洁，手柄握感舒服，操作方便安全。  
Concise and flowing appearance, comfortable handle, safe and convenient operation.
- 充电枪符合SAE J1772-2017和IEC 62196.2-2014标准，互换使用性好。  
EV-charger meets SAE J1772-2017 and IEC 62196.2-2014 standard and has good interchangeability.
- 充电枪线缆应用于电动汽车充电，可采用模式3充电。  
EV-charger cabling are used in electric vehicle charging, suitable for Charging in mode 3.

产品定义 The product definition

|                           |                   |
|---------------------------|-------------------|
| 标准<br>Standard            | IEC 62196-2:2016  |
| 充电模式<br>Charging Mode     | 3                 |
| 连接方式<br>Connection Manner | B                 |
| 充电电流类型<br>Current Type    | AC                |
| 外壳颜色<br>Housing Color     | 03-黑色<br>03-Black |
| 线缆颜色<br>Cable color       | 03-黑色<br>03-black |

环境条件 Ambient Condition

|                                           |         |
|-------------------------------------------|---------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃ |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃ |
| 防护等级<br>Ingress Protection                | IP54    |

主要材料 Major Material

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 插头材料<br>Plug material    | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 外壳材料<br>Housing Material | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 保护盖材料<br>Cap Material    | TPU                                                       |
| 插针材料<br>Pin Material     | 铜合金+表面镀银<br>Copper Alloy, Ag Plated                       |

机械性能 Mechanical Performance

|                                   |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 次<br>>10000 times                                                          |
| 插拔力<br>Insertion & Pullout Force  | <100N(P) <75N(V)                                                                  |
| 抗冲击力<br>Withstanding Impact Force | 可承受1米高度跌落与2吨汽车碾压<br>Affordable 1 meter height fell or 2 ton car run over pressure |

电气特性 Electrical Parameter

|                                 |                    |
|---------------------------------|--------------------|
| 额定电流<br>Rated Current           | 16A, 32A           |
| 额定电压<br>Rated Voltage           | 250V               |
| 动力插针数<br>Power Pin Number       | 3(L, N, PE)        |
| 信号触点数<br>Signal Pin Number      | 2(PP, CP)          |
| 信号触点的额定电流<br>Signal Pin Current | 2A                 |
| 绝缘电阻<br>Insulation Resistance   | ≥5MΩ, 500V DC 1min |

线缆配置 Cable Configuration

| 规格<br>Specification          | 电流<br>Current | 线缆配置<br>Cable Configuration                    |
|------------------------------|---------------|------------------------------------------------|
| MHAC-S-016A-VP1-XX-X.XM-XXAH | 16A           | EV 3*2.5mm <sup>2</sup> +1*0.75mm <sup>2</sup> |
| MHAC-S-032A-VP1-XX-X.XM-XXAH | 32A           | EV 3*6.0mm <sup>2</sup> +1*0.75mm <sup>2</sup> |

注：线缆长度按需求。  
Note: Cable length according to client request.

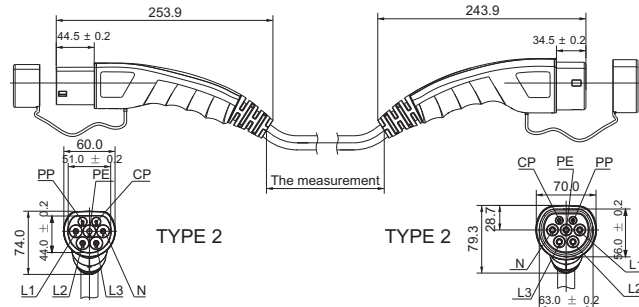
欧标交流双头充电枪 Type 2 AC Vehicle connector with Type 2 Power supply plug



**车辆端+供电端：**电动汽车AC移动式充电枪，配置车辆插头和供电插头，通过IEC 62196.2-2014车辆插口和供电插口以交流电（AC）为电动汽车（EV）快速充电。

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 62196.2-2014 Vehicle socket and Power Supply Socket.

产品尺寸示意图 Dimension drawing



产品特点 Product characteristics

- 充电枪外形流畅简洁，手柄握感舒服，操作方便安全。  
Concise and flowing appearance, comfortable handle, safe and convenient operation.
- 充电枪符合IEC 62196.2-2014标准，互换使用性好。  
EV-charger meets IEC 62196.2-2014 standard and has good interchangeability.
- 充电枪线缆应用于电动汽车充电，可采用模式3充电。  
EV-charger cabling are used in electric vehicle charging, suitable for Charging in mode 3.

产品定义 The product definition

|                           |                   |
|---------------------------|-------------------|
| 标准<br>Standard            | IEC 62196-2:2016  |
| 充电模式<br>Charging Mode     | 3                 |
| 连接方式<br>Connection Manner | B                 |
| 充电电流类型<br>Current Type    | AC                |
| 外壳颜色<br>Housing Color     | 03-黑色<br>03-Black |
| 线缆颜色<br>Cable color       | 03-黑色<br>03-black |

环境条件 Ambient Condition

|                                           |         |
|-------------------------------------------|---------|
| 环境温度（工作）<br>Ambient Temperature (working) | -30~50℃ |
| 环境温度（储存）<br>Ambient Temperature (storage) | -40~80℃ |
| 防护等级<br>Ingress Protection                | IP54    |

主要材料 Major Material

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 插头材料<br>Plug material    | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 外壳材料<br>Housing Material | 高强度热塑性材料、阻燃等级UL94V-0<br>Reinforced Thermoplastic, UL94V-0 |
| 保护盖材料<br>Cap Material    | TPU                                                       |
| 插针材料<br>Pin Material     | 铜合金+表面镀银<br>Copper Alloy, Ag Plated                       |

机械性能 Mechanical Performance

|                                   |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|
| 插拔次数<br>Insertion & Pullout Times | >10000 次<br>>10000 times                                                          |
| 插拔力<br>Insertion & Pullout Force  | <100N                                                                             |
| 抗冲击力<br>Withstanding Impact Force | 可承受1米高度跌落与2吨汽车碾压<br>Affordable 1 meter height fell or 2 ton car run over pressure |

电气特性 Electrical Parameter

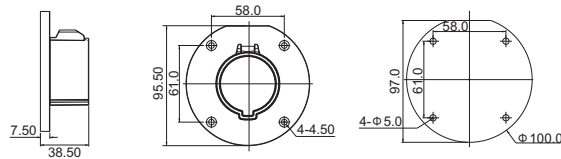
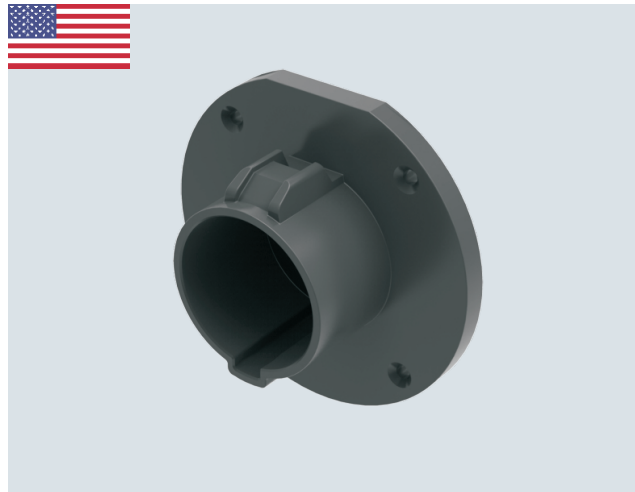
|                                 |                                     |
|---------------------------------|-------------------------------------|
| 额定电流<br>Rated Current           | 16A, 32A                            |
| 额定电压<br>Rated Voltage           | 250V/440V                           |
| 动力插针数<br>Power Pin Number       | 3(L, N, PE)<br>5(L1, L2, L3, N, PE) |
| 信号触点数<br>Signal Pin Number      | 2(PP, CP)                           |
| 信号触点的额定电流<br>Signal Pin Current | 2A                                  |
| 绝缘电阻<br>Insulation Resistance   | ≥5MΩ, 500V DC 1min                  |

线缆配置 Cable Configuration

| 规格<br>Specification           | 电流<br>Current    | 线缆配置<br>Cable Configuration                              |
|-------------------------------|------------------|----------------------------------------------------------|
| MEAC-S-016A-V1P1-YY-X.XM-XXAH | 16A single phase | PrEN50620 EV 3*2.5mm <sup>2</sup> +1*0.75mm <sup>2</sup> |
| MEAC-S-032A-V1P1-YY-X.XM-XXAH | 32A single phase | PrEN50620 EV 3*6.0mm <sup>2</sup> +1*0.75mm <sup>2</sup> |
| MEAC-T-016A-V1P1-YY-X.XM-XXAH | 16A three phase  | PrEN50620 EV 5*2.5mm <sup>2</sup> +1*0.75mm <sup>2</sup> |
| MEAC-T-032A-V1P1-YY-X.XM-XXAH | 32A three phase  | PrEN50620 EV 5*6.0mm <sup>2</sup> +1*0.75mm <sup>2</sup> |

注：线缆长度按需求。  
Note: Cable length according to client request.

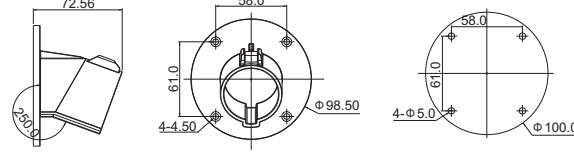
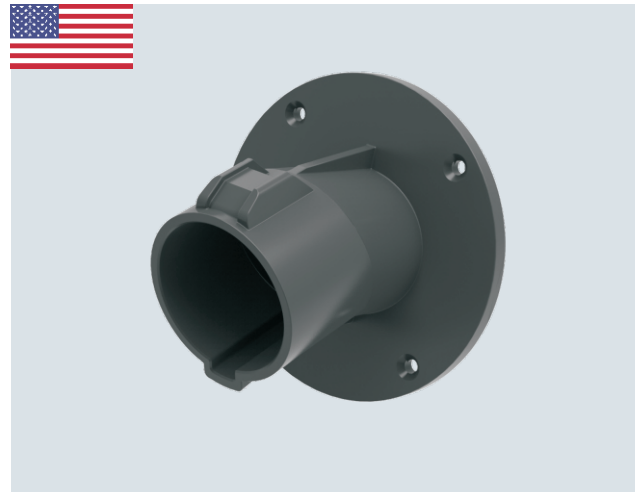
## Power supply socket



FAAC-V-03-01AH

Inflammability class

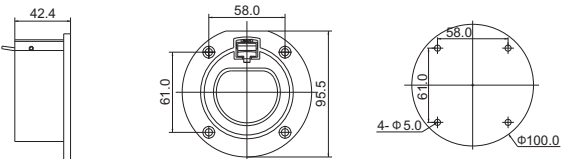
UL94V-0



FAAC-V-03-02AH

Inflammability class

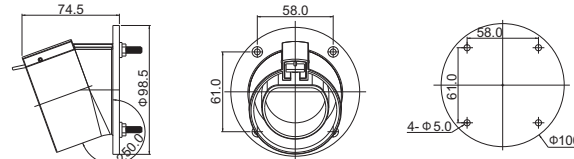
UL94V-0



FEAC-V-03-01AH

Inflammability class

UL94V-0



FEAC-V-03-02AH

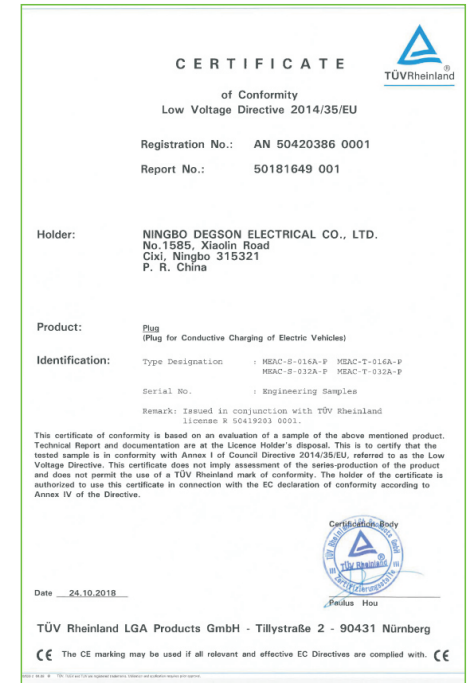
Inflammability class

UL94V-0

## Certificate (1)



欧标供电端CB证书  
European Standard Power  
Supply Plug CB Certificate



欧标供电端CE证书  
European Standard Power  
Supply Plug CE Certificate



欧标供电端TUV证书  
European Standard Power  
Supply Plug TUV Certificate



欧标车辆端CB证书  
European Standard  
Vehicle CB Certificate

## Certificate (2)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>CERTIFICATE</b><br>of Conformity<br>Low Voltage Directive 2014/35/EU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                   |
| Registration No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AN 50420385 0001                                                                                                                                                                                  |
| Report No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 50181648 001                                                                                                                                                                                      |
| <b>Holder:</b><br>NINGBO DEGSON ELECTRICAL CO., LTD.<br>No.1585, Xiaolin Road<br>Cixi, Ningbo 315321<br>P. R. China                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                   |
| <b>Product:</b><br>Connector<br>(Connector for Conductive Charging of Electric Vehicles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                   |
| <b>Identification:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Type Designation : MAAC-S-016A-V MAAC-T-016A-V<br>MAAC-S-032A-V MAAC-T-032A-V<br>Serial No. : Engineering Samples<br>Remark: Issued in conjunction with TÜV Rheinland<br>license R 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 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. |                                                                                                                                                                                                   |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 24.10.2018                                                                                                                                                                                        |
| TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg<br> The CE marking may be used if all relevant and effective EC Directives are complied with.                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                   |

欧标车辆端CE证书  
European Standard  
Vehicle CE Certificate

|                                                                                                                                                                                                                                            |                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <br><b>Zertifikat Certificate</b><br>of Conformity<br>Low Voltage Directive 2014/35/EU                                                                  |                                                                      |
| Zertifikat No. / Certificate No.                                                                                                                                                                                                           | 0001                                                                 |
| Ihr Zeichen / Client Reference                                                                                                                                                                                                             | 01-ZM7-50181648 001                                                  |
| Anstellungsdatum / Date of Issue                                                                                                                                                                                                           | 24.10.2018                                                           |
| <b>Geschäftsinhaber / License Holder</b><br>NINGBO DEGSON ELECTRICAL CO., LTD.<br>No.1585, Xiaolin Road<br>Cixi, Ningbo 315321<br>P. R. China                                                                                              |                                                                      |
| <b>Fertigungsstätte / Manufacturing Plant</b><br>NINGBO DEGSON ELECTRICAL CO., LTD.<br>No.1585, Xiaolin Road<br>Cixi, Ningbo 315321<br>P. R. China                                                                                         |                                                                      |
| <b>Prüfzeichen / Test Mark</b>                                                                                                                                                                                                             | Type Approval<br>Mark<br>Register Production<br>Number<br>R 50419202 |
| <b>Geprüft nach / Tested acc. to</b>                                                                                                                                                                                                       | EN 62196-1:2014<br>EN 62196-2:2017                                   |
| <b>Zertifizierter Produkt / Certified Product</b><br>Connector for Conductive Charging of Electric Vehicles                                                                                                                                |                                                                      |
| <b>Typenbezeichnung / Type Designation</b><br>1) MAAC-S-016A-V<br>2) MAAC-T-016A-V<br>3) MAAC-S-032A-V<br>4) MAAC-T-032A-V                                                                                                                 |                                                                      |
| <b>Rated Voltage</b>                                                                                                                                                                                                                       | 1) 3) AC 250V (Single-Phase)<br>2) 4) AC 400V (Three-Phase)          |
| <b>Rated Current</b>                                                                                                                                                                                                                       | 1) 2) 16A<br>3) 4) 32A                                               |
| <b>Kind of Construction</b>                                                                                                                                                                                                                | Standard Sheet 2-11e                                                 |
| <b>Configuration</b>                                                                                                                                                                                                                       | Type 2                                                               |
| <b>Degree of Protection</b>                                                                                                                                                                                                                | IP54                                                                 |
| <b>ANLAGE (Appendix):</b> 1, 0<br>The certificate is issued on the basis of a sample of the product. The certificate is issued on the basis of a sample of the product. The certificate is issued on the basis of a sample of the product. |                                                                      |
| TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg<br>Tel.: +49 911 890-1231 • Fax: +49 911 890-1232 • Email: cert@tuev.com<br>Web: www.tuev.com                                                                               |                                                                      |

欧标车辆端TUV证书  
European Standard  
Vehicle CB Certificate

## Certificate (3)

|                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CERTIFICATE OF COMPLIANCE</b>                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                      |
| <b>Certificate Number</b>                                                                                                                                                                      | 20190429-E505319                                                                                                                                                                                                                                                                                                     |
| <b>Report Reference</b>                                                                                                                                                                        | E505319-20190423                                                                                                                                                                                                                                                                                                     |
| <b>Issue Date</b>                                                                                                                                                                              | 2019-APRIL-29                                                                                                                                                                                                                                                                                                        |
| <b>Issued to:</b>                                                                                                                                                                              | NINGBO DEGSON ELECTRICAL CO LTD<br>XIAOLIN<br>CIXI<br>NINGBO<br>ZHEJIANG 315321 CHINA                                                                                                                                                                                                                                |
| <b>This certificate confirms that representative samples of</b>                                                                                                                                | COMPONENT - ELECTRIC VEHICLE PLUGS,<br>RECEPTACLES AND COUPLERS<br>See addendum page                                                                                                                                                                                                                                 |
| <b>Standard(s) for Safety:</b>                                                                                                                                                                 | UL 2251 Plugs, Receptacles, and Couplers for Electric Vehicles<br>CSA C22.2 No. 282-17 Plugs, Receptacles, and Couplers for Electric Vehicles<br>UL 50E ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS<br>CSA C22.2 No. 94.2-15 ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS |
| <b>Additional Information:</b>                                                                                                                                                                 | See the UL Online Certifications Directory at <a href="https://q.ulprospector.com">https://q.ulprospector.com</a> 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. |                                                                                                                                                                                                                                                                                                                      |
|                                                                                                             |                                                                                                                                                                                                                                                                                                                      |

美标车辆端UL证书  
American Standard  
Vehicle UL Certificate

|                                                                                                                                                                                                            |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>CERTIFICATE OF COMPLIANCE</b>                                                                                                                                                                           |                  |
| <b>Certificate Number</b>                                                                                                                                                                                  | 20190429-E505319 |
| <b>Report Reference</b>                                                                                                                                                                                    | E505319-20190423 |
| <b>Issue Date</b>                                                                                                                                                                                          | 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.                                                       |                  |
| <b>Models</b><br>USB-C NR - 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                                                                                                                                                             |                  |
|                                                                                                                         |                  |

美标车辆端UL证书  
American Standard  
Vehicle UL Certificate

|                                                                                                                                                                                                                                                             |                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br><b>IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME</b>                                                             |                                                                                                |
| <b>CB TEST CERTIFICATE</b>                                                                                                                                                                                                                                  |                                                                                                |
| <b>Product</b>                                                                                                                                                                                                                                              | Connector for Conductive Charging of Electric Vehicles                                         |
| <b>Name and address of the applicant</b>                                                                                                                                                                                                                    | NINGBO DEGSON ELECTRICAL CO., LTD.<br>No.1585, Xiaolin Road<br>Cixi, Ningbo 315321 P. R. China |
| <b>Name and address of the manufacturer</b>                                                                                                                                                                                                                 | NINGBO DEGSON ELECTRICAL CO., LTD.<br>No.1585, Xiaolin Road<br>Cixi, Ningbo 315321 P. R. China |
| <b>Name and address of the factory</b>                                                                                                                                                                                                                      | NINGBO DEGSON ELECTRICAL CO., LTD.<br>No.1585, Xiaolin Road<br>Cixi, Ningbo 315321 P. R. China |
| <b>Rated and principal characteristics</b>                                                                                                                                                                                                                  | 16A 250V~ for MAAC-S-016A-V<br>32A 250V~ for MAAC-S-032A-V                                     |
| <b>Trademark (if any)</b>                                                                                                                                                                                                                                   | DEGSON (LOGO)                                                                                  |
| <b>Type of Manufacturer's Testing Laboratory used</b>                                                                                                                                                                                                       | NA                                                                                             |
| <b>Model / Type Ref.</b>                                                                                                                                                                                                                                    | MAAC-S-016A-V, MAAC-S-032A-V                                                                   |
| <b>Additional information (if necessary may also be reported on page 2)</b>                                                                                                                                                                                 | For model differences, refer to test report                                                    |
| <b>A sample of the product was tested and found to be in conformity with the requirements of the product and was found to be in conformity with the requirements of the product and was found to be in conformity with the requirements of the product.</b> | IEC 62196-1:2014<br>IEC 62196-2:2017<br>See Test Report for National Differences               |
| <b>As shown in the Test Report Ref. No. which forms part of the Certificate</b>                                                                                                                                                                             | 50250173 001                                                                                   |
| TÜV Rheinland Japan Ltd.<br>Global Technology Assessment Center<br>4-20-2 Kita Toranomon, Toranomon<br>Minato-ku, Tokyo 105-8565, Japan<br>Phone: +81 3 5561-5888<br>Fax: +81 3 5561-5889<br>Mail: info@tuev.com<br>Web: www.tuev.com                       |                                                                                                |

美标车辆端CB证书  
American Standard  
Vehicle CB Certificate

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>CERTIFICATE</b><br>of Conformity<br>Low Voltage Directive 2014/35/EU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                              |
| Registration No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AN 50438286 0001                                                                                                                             |
| Report No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 50250173 001                                                                                                                                 |
| <b>Holder:</b><br>NINGBO DEGSON ELECTRICAL CO., LTD.<br>No.1585, Xiaolin Road<br>Cixi, Ningbo 315321<br>P. R. China                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                              |
| <b>Product:</b><br>Connector<br>(Connector for Conductive Charging of Electric Vehicles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                              |
| <b>Identification:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Type Designation : MAAC-S-016A-V MAAC-S-032A-V<br>Serial No. : Engineering Samples<br>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<br>Tel.: +49 911 890-1231 • Fax: +49 911 890-1232 • Email: cert@tuev.com<br>Web: www.tuev.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                              |

美标车辆端CE证书  
American Standard  
Vehicle CE Certificate

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| <br>20150006672 |                  |
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| <b>检 验 报 告</b>                                                                                       |                  |
| 电动汽车直流充电接口                                                                                           |                  |
| <b>产品名称</b>                                                                                          | 电动汽车直流充电接口       |
| <b>产品型号</b>                                                                                          | 见附录 A “表 1 样品型号” |
| <b>受检单位</b>                                                                                          | 宁波高正电子有限公司       |
| <b>检验类别</b>                                                                                          | 强制性检验            |
| 国家轿车质量监督检验中心                                                                                         |                  |

国标直流枪强检证书  
GB DC EV-Charger Mandatory  
Inspection Certificate

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| <br>20150006672 |                  |
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| <b>检 验 报 告</b>                                                                                       |                  |
| 电动汽车交流充电接口                                                                                           |                  |
| <b>产品名称</b>                                                                                          | 电动汽车交流充电接口       |
| <b>产品型号</b>                                                                                          | 见附录 A “表 1 样品型号” |
| <b>受检单位</b>                                                                                          | 宁波高正电子有限公司       |
| <b>检验类别</b>                                                                                          | 强制性检验            |
| 国家轿车质量监督检验中心                                                                                         |                  |

国标交流枪强检证书  
GB AC EV-Charger Mandatory  
Inspection Certificate

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