

公司简介

DEGSON高正(高松)电子有限公司创建于1990年,是一家高新技术企业,是亚洲最大接线端子和工业电气连接领域专业制造商之一,是亚洲首家拥有美国UL和德国VDE认可专业实验室的企业。产品通过了UL、CE、RoHS REACH等认证。公司通过了ISO9001、ISO14001、ISO80079-34管理体系认证。

DEGSON产品畅销中国、德国、英国、意大利、西班牙、波兰、俄罗斯、印度、土耳其、巴西、美国、日本、韩国、南非等70多个国家和地区,为全球工业自动化、仪器仪表、电梯、电力电气、轨道交通、新能源、照明、通讯、电源、安防、船舶等行业,提供优良的产品和服务。

DEGSON在全球建立了完善的销售网络,在德国和上海建立了营销中心,26年来DEGSON以务实诚信、责任创新、和谐发展、规则共赢的企业精神,更好地为客户提供更快捷、全面、专业的本地化服务。

Brief Introduction

Founded in 1990, DEGSON Electronics Co., Ltd. is one of the largest manufactures of terminal blocks and industrial electrical connection products in Asia. As a High-tech enterprise,DEGSON owns the first UL and VDE authorized laboratory in Asia.DEGSON products have been approved by UL, CE, RoHS REACH The company has been granted ISO9001, ISO14001 and ISO80079-34 management system certificates.

DEGSON products are very popular in China,Germany,UK,Italy,Spain,Poland,Russia,India,Turkey,Brazil,USA,Japan,Korea,South Africa,etc.,totally more than 70 countries and areas.DEGSON provide excellent products and service for the customers all over the world,especially in Industrial Automation,Instrument,Elevator,Electric Power,Rail Transport,New Energy,Lighting,Telecommunication,Power Supply, Security, Ship-building and so on.

DEGSON fulfill the sales network all over the world and set up marketing centers in Germany and Shanghai,China,Pragmatic,Sincerity,Responsibility,Innovation,Harmonious,Development,Rule and Win-win.In accordance with these spirits of enterprise for 26 years, DEGSON will keep providing more speedy, comprehensive and professional local service to our customer.



亚洲首家美国UL、德国VDE认可的实验室 First Lab. authorized by UL&VDE in Asia



DEGSON 实验室拥有大批先进检测仪器和设备,能按UL1059、UL486E、IEC60998、IEC61984、IEC60947、GB13140、GB14048、CSA C22.2 No.158 标准对接端子进行全面测试。The lab is equipped with amounts of advanced test equipments which can operate all the test to terminal block according to the standards of UL1059,UL486E,IEC60998,IEC61984,IEC60947,GB14048,CSAC22.2 No.158.



IP等级测试仪 protection degree tester 剖面分析仪 Metallographic analyzer 拉拔力测试仪 Pull out force tester 盐雾腐蚀试验箱 Salt mist tester



数显耐压测试仪 Digital display Withstand voltage tester 绝缘电阻测试仪 Insulation resistance tester 模拟运输震动试验机 Simulated transport Vibration tester 双翼跌落试验机 Wing Drop tester

充电系列产品编码规则 EV Coupling Code Rule

DC GB — DC C — 250A — 5.0M — T E O — 01Y — 100A

DC	Dc: 高正充电枪 DC: DEGSON EV Charging
GB	GB: 国标; BCS: 美标; BCI: 欧标。 GB: National Standard; BCS: USA Standard; BCI: Europe Standard
DC	DC: 直流; 1AC: 单相交流; 3AC: 三相交流。 DC: Direct Current; 1AC: Single Phase AC; 3AC: Three Phase AC
C	C: 车辆插头; P: 供电插头; I: 车辆插座; S: 供电插座; CP: 双插头。 C: Vehicle Plug P: Infrastructure plug. I: Vehicle Socket. S: Infrastructure Socket. CP: Double Plug
250A	10A、16A、32A、63A、80A、125A、200A、250A。
5.0M	线缆长度 Cable Length.
T	T: Pt1000; N: Ntc; O: 表示没有 T: Pt1000; N: Ntc; O: NO
E	E: 电磁锁; F: 电子锁; O: 表示没有 E: Electro-Magnetic Lock; F: Electronic Lock; O: No
O	B: 黑色线缆; O: 橙色线缆 B: Black Cable; O: Orange Cable.
01Y	外壳颜色: 01-灰色; 02-蓝色; 03-黑色; 04-绿色; 05-橙色; 06-红色; 07-透明色; 08-黄色; 09-白色 Housing Color: 01-Gray; 02-Blue; 03-Black; 04-Green; 05-Orange; 06-Red; 07-Transparent; 08-Yellow; 09-White.
100A	特殊编码 Special Code

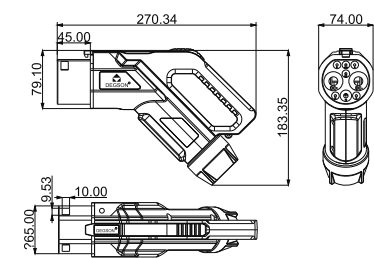
100系列直流枪 100 Series DC Charging Plug



电动汽车DC充电电缆,配置车辆充电插头及自由线缆,通过GB/T车辆插口以直流电(DC)为电动汽车(EV)快速充电,安装于电动汽车充电站。

Electric Vehicle DC Charging cable, configuration of the vehicles charging plug and cable. DC Quick and Fast Charging for EV via GB/T Vehicle socket, installed for EV Charging Station.

产品尺寸示意图 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, handle design conforms to the principle of ergonomics, comfortable handle feeling.
- 温度监控功能,充电更安全。
Temperature, charging and security are monitored.
- 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 Standard	GB/T 20234.3-2015
充电模式 Charging Mode	4
连接方式 Connection Manner	C
充电电流类型 Current Type	DC
外壳颜色 Housing Color	01-灰色、03-黑色、09-白色 01-Gray; 03-Black; 09-White;
线缆颜色 Cable color	O-橙色 O-Orange

环境条件 Ambient Condition

环境温度(工作) Ambient Temperature (working)	-30~50℃
环境温度(储存) Ambient Temperature (storing)	-40~80℃
最高海拔 Max Altitude	5000M
防护等级 Ingress of Protection	工作状态IP55, 保护盖IP54 IP55 (working condition); IP54 (Separation Condition)

主要材料 Major Material

插头材料 Plug material	高强度热塑性材料、阻燃等级UL94V-0 Reinforce Thermoplastic, UL94V-0
外壳材料 Housing Material	高强度热塑性材料、阻燃等级UL94V-0 Reinforce Thermoplastic, UL94V-0
保护盖材料 Cap Material	PC
插针材料 Pin Material	紫铜、表面镀银+顶部绝缘 Copper, Ag Plated And top insulation

机械性能 Mechanical Performance

插拔周期 Insertion & Pullout Time	>10000 次 >10000 times
插拔力 Insertion & Pullout Force	<140N
抗冲击力 Withstanding Impact Force	可承受1米高度跌落与2吨汽车碾压 Affordable 1 meter height fall or 2 ton car run over pressure

电气特性 Electrical Parameter

额定电压 Rated Voltage	80A、125A、200A、250A
额定电流 Rated Current	750V/1000V
动力插针数 Power Pin Number	3(PE, DC+, DC-)
信号触点数 Signal Pin Number	6(S+, S-, A+, CC1, CC2)
信号触点的额定电流 Signal Pin Current	2A
绝缘电阻 Insulation Resistance	>1000MΩ
温度监控 Temperature Monitor	2*PT1000, NTC
电磁锁驱动电压 Electromagnetic Lock driven Voltage	10V~15.5VDC
电磁锁驱动功率 Electromagnetic Lock Power	24w
电磁锁杆推出时间 Electromagnetic Lock Work Time	600ms

线缆配置 Cable Type

电流 Current	线缆配置 Cable Type
125A	2x35mm ² +1x25mm ² +2x4mm ² +12x0.75Pmm ² (外径: φ34.0±0.5mm)
200A	2x70mm ² +1x25mm ² +2x4mm ² +12x0.75Pmm ² (外径: φ39.0±0.5mm)
250A	2x70mm ² +1x25mm ² +2x4mm ² +12x0.75Pmm ² (外径: φ39.0±0.5mm)

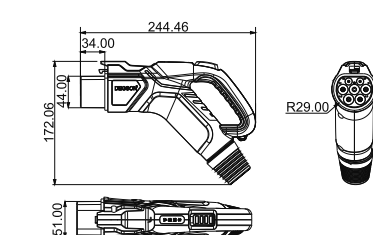
100系列交流枪 100 Series AC Charging Plug



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GB/T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。
车辆端+供电端:电动汽车AC移动式充电电缆,配置车辆插头和供电插头,通过GB/T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 Zone: Electric Vehicle AC Charging cable, configuration of the vehicles charging plug and cable. AC Quick and Fast Charging for EV via GB/T Vehicle socket, installed for EV Charging Point.
Vehicle Zone+Power Supply Zone: Electric Vehicle AC Charging portable cable, configuration of the vehicles plug and power supply cable. AC Quick and Fast Charging for EV via GB/T Vehicle socket and Power Supply Socket.

产品尺寸示意图 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, handle design conforms to the principle of ergonomics, comfortable handle feeling.
- 温度监控功能,充电更安全。
Temperature, charging and security are monitored.
- 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 Standard	GB/T 20234.3-2015
充电模式 Charging Mode	3
连接方式 Connection Manner	B,C
充电电流类型 Current Type	AC
外壳颜色 Housing Color	01-灰色、03-黑色、09-白色 01-Gray 03-Black 09-White.
线缆颜色 Cable color	B-黑色、O-橙色 B-Black O-orange

环境条件 Ambient Condition

环境温度(工作) Ambient Temperature (working)	-30~50℃
环境温度(储存) Ambient Temperature (storing)	-40~80℃
最高海拔 Max Altitude	5000M
防护等级 Ingress of Protection	工作状态IP55, 保护盖IP54 IP55 (working condition) IP54 (Separation Condition)

主要材料 Major Material

插头材料 Plug material	高强度热塑性材料、阻燃等级UL94V-0 Reinforce Thermoplastic, UL94V-0
外壳材料 Housing Material	高强度热塑性材料、阻燃等级UL94V-0 Reinforce Thermoplastic, UL94V-0
保护盖材料 Cap Material	PC
插针材料 Pin Material	紫铜、表面镀银+顶部绝缘 Copper, Ag Plated And top insulation

机械性能 Mechanical Performance

插拔周期 Insertion & Pullout Time	>10000 次 >10000 times
插拔力 Insertion & Pullout Force	<100N
抗冲击力 Withstanding Impact Force	可承受1米高度跌落与2吨汽车碾压 Affordable 1 meter height fall or 2 ton car run over pressure

电气特性 Electrical Parameter

额定电压 Rated Voltage	16A、32A、63A
额定电流 Rated Current	250V/440V
动力插针数 Power Pin Number	3(L, N, PE) 5(L1, L2, L3, N, PE)
信号触点数 Signal Pin Number	2(CC CP)
信号触点的额定电流 Signal Pin Current	2A
最高海拔 Max Altitude	5000M
防护等级 Ingress of Protection	工作状态IP55, 保护盖IP54 IP55 (working condition) IP54 (Separation Condition)

线缆配置 Cable Type

电流 Current	线缆配置 Cable Type
16A	3x2.5 mm ² +2 x0.75 mm ²
32A	3x6 mm ² +2 x0.75 mm ² 5x6 mm ² +2 x0.75 mm ²
63A	5x16 mm ² +2 x0.75 mm ²

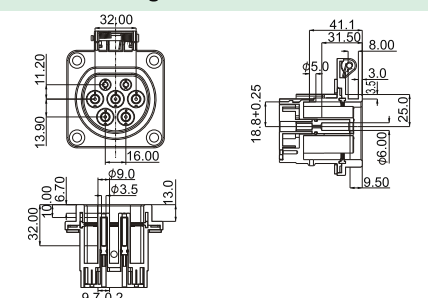
100系列直流插座 100 Series DC Charging Socket



电动汽车车辆充电插座车辆端，用于以直流电为电动汽车充电。

Vehicle-Inlet applied for DC Charging.

产品尺寸示意图 Drawing



产品特点 Product characteristics

- 模块化设计支持前安装和板后安装。
Modular Design; Fit For Front-Board Installment or Rear-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 Property; Reliable Material.

产品定义 The product definition

标准 Standard	GB/T 20234.3-2015
充电模式 Charging Mode	4
连接方式 Connection Manner	C
充电电流类型 Current Type	DC
外壳颜色 Housing Color	01-灰色、03-黑色 01-Gray; 03-Black

环境条件 Ambient Condition

环境温度（工作） Ambient Temperature (working)	-30~50℃
环境温度（储存） Ambient Temperature (storing)	-40~80℃
最高海拔 Max Altitude	5000M
防护等级 Ingress of Protection	工作状态IP55，防护盖IP54 IP55 (working condition); IP54 (Separation Condition)

主要材料 Major Material

外壳材料 Housing Material	高强度热塑性材料、阻燃等级UL94V-0 Reinforce Thermoplastic, UL94V-0
波纹管 Bellows	规格 $\leq 25\text{mm}$ ，材料：PP The specification $\leq 25\text{mm}$, material: PP
保护盖材料 Cap Material	PC
插针材料 Pin Material	铜合金+表面镀银 Copper Alloy Ag Plated

机械性能 Mechanical Performance

插拔周期 Insertion & Pullout Time	>10000 次 >10000 times
插拔力 Insertion & Pullout Force	<140N

电气特性 Electricity Parameter

额定电流 Rated Voltage	80A, 125A, 200A, 250A.
额定电压 Rated Current	750V/1000V
动力插针数 Power Pin Number	3(PE, DC+, DC-)
信号触点数 Signal Pin Number	6(S+, S-, A+, CC1 CC2)
信号触点的额定电流 Signal Pin Current	2A
绝缘电阻 Insulation Resistance	>1000M Ω
温度监控 Temperature Monitor	2*PT1000, NTC

线缆配置 Cable Type

电流 Current	线缆配置 Cable Type
125A	2x35mm ² +1x25mm ² +2x4mm ² +12x0.75Pmm ²
200A	2x70mm ² +1x25mm ² +2x4mm ² +12x0.75Pmm ²
250A	2x70mm ² +1x25mm ² +2x4mm ² +12x0.75Pmm ²

100系列交流插座 100 Series AC Charging Socket

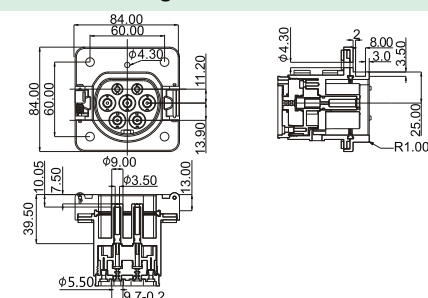


电动汽车车辆充电插座车辆端，用于以交流电为电动汽车充电。

电动汽车车辆充电插座桩端，用于以交流电为电动汽车充电。

Vehicle-Inlet applied for AC Charging.
Socket outlet applied for AC Charging.

产品尺寸示意图 Drawing



产品特点 Product characteristics

- 模块化设计支持前安装和板后安装。
Modular Design; Fit For Front-Board Installment or Rear-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 Property; Reliable Material.

产品定义 The product definition

标准 Standard	GB/T 20234.3-2015
充电模式 Charging Mode	2,3
连接方式 Connection Manner	A, B, C
充电电流类型 Current Type	AC
外壳颜色 Housing Color	01-灰色、03-黑色 01-Gray; 03-Black

环境条件 Ambient Condition

环境温度（工作） Ambient Temperature (working)	-30~50℃
环境温度（储存） Ambient Temperature (storing)	-40~80℃
最高海拔 Max Altitude	5000M
防护等级 Ingress of Protection	工作状态IP55，防护盖IP54 IP55 (working condition); IP54 (Separation Condition)

主要材料 Major Material

外壳材料 Housing Material	高强度热塑性材料、阻燃等级UL94V-0 Reinforce Thermoplastic, UL94V-0
波纹管 Bellows	规格 $\leq 21\text{mm}$ ，材料：PP Specification $\leq 21\text{mm}$, material: PP
插针材料 Pin Material	铜合金+表面镀银 Copper Alloy, Ag Plated

机械性能 Mechanical Performance

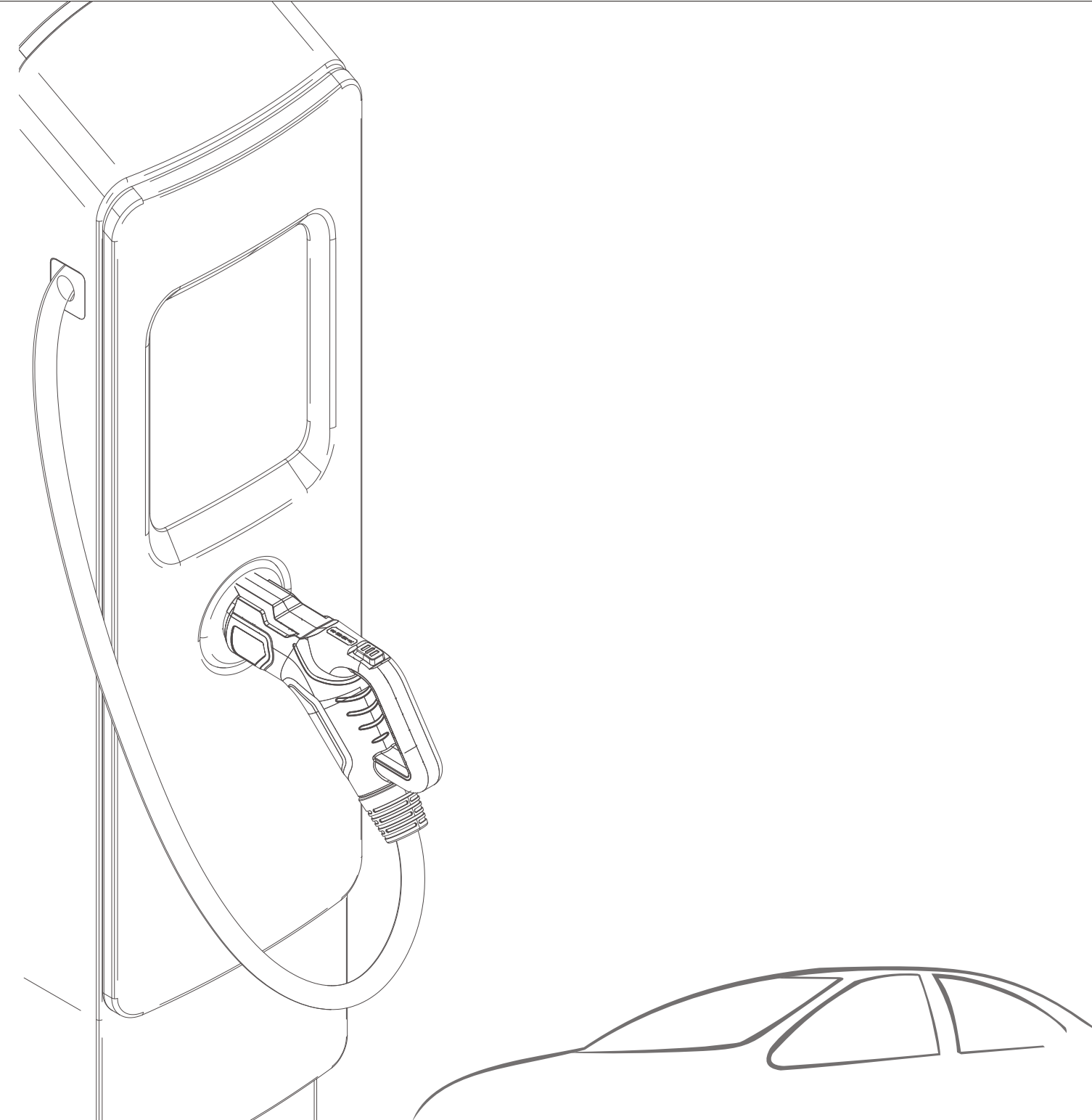
插拔周期 Insertion & Pullout Time	>10000 次 >10000 times
插拔力 Insertion & Pullout Force	<100N

电气特性 Electricity Parameter

额定电流 Rated Voltage	16A, 32A, 63A
额定电压 Rated Current	250V/440V
动力插针数 Power Pin Number	3(L, N, PE) 5(L1, L2, L3, N, PE)
信号触点数 Signal Pin Number	2(CC, CP)
信号触点的额定电流 Signal Pin Current	2A
绝缘电阻 Insulation Resistance	>1000M Ω
温度监控 Temperature Monitor	2*PT1000, NTC

线缆配置 Cable Type

电流 Current	线缆配置 Cable Type
16A	3x2.5mm ² +2 x0.75mm ²
32A	2x6mm ² +1x10mm ² +2 x0.75mm ² 3x6mm ² +2 x0.75mm ² 5x6 mm ² +2 x0.75mm ²
63A	4x10mm ² +1 x 16mm ² +2 x0.75mm ²



EV Charging Cable



DEGSON ELECTRONICS CO.,LTD.

ISO9001 ISO14001 ISO80079-34

CE ENEC RoHS REACH

