

Calion

AC EV CHARGER STATION

交流电动车充电桩



About Us 关于我们

specializes in energy storage solutions and electric vehicle (EV) charging products. In 2022, we launched high-efficiency charging stations, smart charging management systems, and portable charging devices, enhancing charging efficiency and user experience. We are committed to promoting the application of clean energy and contributing to the development of electric vehicles worldwide.

专注于储能解决方案及电动汽车（EV）新能源充电产品。2022年，我们推出了高效充电桩、智能充电管理系统和便携式充电设备，提升了充电效率和用户体验。我们致力于推动清洁能源的应用，为全球电动汽车的发展贡献力量。



01

Our EV charging station has an IP55 rating, offering water, dust, and fog resistance, ensuring reliable operation in various environments.

我们的EV充电桩具备IP55防护等级，防水、防尘、防雾，确保各种环境下稳定工作。



02

Our EV charging station operates normally in temperatures as low as -40°C without affecting power output, ensuring your electric vehicle charges reliably even in extreme weather conditions.

我们的EV充电桩可在低至 -40°C 的环境中正常工作，不影响功率输出，确保您的电动车在极端天气下也能稳定充电。

03

Our EV charging station operates effectively in temperatures up to 55°C , ensuring stable power output and reliable charging for your electric vehicle even in extreme heat.

我们的EV充电桩可在高达 55°C 的高温环境中正常工作，保证功率稳定输出，确保您的电动车在酷热天气下也能可靠充电。

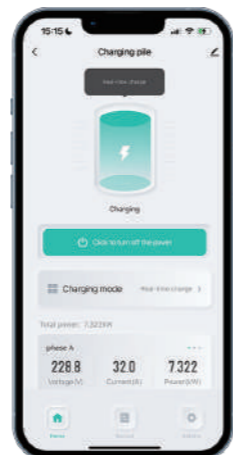


VARIOUS VERSIONS

APP

Steps to control Wi-Fi and Bluetooth dual-mode devices via Bluetooth and set charging parameters through APP. Schedule your charging during off-peak hours.

通过蓝牙控制WIFI和蓝牙双模设备并通过APP设置充电参数。将充电安排再非高峰时段。



RFID

Plug and play-swiping the card to start charging more convenient and faster.

即插即用-刷卡即可开始充电，更方便，更快捷。



OCPP

Rapid identification of vehicles in motion. Maximum security when used with contactless smart cards.

快速识别行驶中的车辆。-与接触器一起使用时最大程度地提高安全性。-少用智能卡。



4 MAIN MODES:

SIMPLE MODE:

Charger will start working after plug connected to the car, This will be applied to non-commercial users.

充电器在插头连接到车上后将开始工作，这将适用于非商业用户。



APP MODE:

Users need to connect the device with our app(available for Android and ios) and control the charging process by app through Bluetooth/WIFI

用户需将设备与我们的应用程序（适用于Android和IOS）

连接，并通过蓝牙/WiFi控制充电过程。

OCPP(1.6/2.0)MODE:

Not only does it support all elements of the OCPP 1.6 protocol, but it can also support more elements of the OCPP 2.0 protocol to be introduced in 2020, bringing more possibilities to our charging stations

它不仅支持OCPP1.6J协议的所有元素，还支持2020年推出的OCPP2.0协议中的更多元素，为我们的充电站带来更多可能性。



RFID MODE

Users can switch the charging process via RFID card, which could be chargeable or free of charge.

用户可以通过RFID卡切换充电过程，可以是收费的，也可以是免费的。

EV-G02

7KW/9.6KW/11.5KW



AC EV CHARGER STATION

交流电动车充电桩



EV-G02-US
30A/40A/50A



EV-G02-Tesla
30A/40A/50A



EV-G02-EU
7KW/11KW/22KW



EV-G02-GB
7KW/11KW/22KW

AC EV CHARGER STATION(交流电动车充电桩)

Home Charging | Workplace | Commercial | Auto Repair Shop
家用充电 | 工作场所 | 商业场所 | 汽车维修店



Manage via App
Your charging station
通过APP 管理您的充电桩



Suitable for outdoor
and extreme weather
适用户外及极端天气



IP55 High level
of protection
IP55高等级防护



Easy to install,
easy to maintain
易安装, 易维护



Worry-free after-
sales service
无忧售后服务



Multiple
protection
多重防护

ITEM/名称	EV-G02-US		
Product Model / 产品型号	EV-G02-US30A	EV-G02-US40A	EV-G02-US50A
Rated Current / 额定电流	30A	40A	48A
Rated Power / 额定功率	7KW	9.6KW	11.5KW
Circuits / 电路	1-Phase	1-Phase	1-Phase
Cable Spec. / 电缆规格	3*10AWG+2*18AWG	3x9AWG+2x18AWG	2*8AWG+1*10AWG+2*18AWG
Operation Voltage / 工作电压	AC 240V		
Contact Resistance / 接触电阻	0.5MΩ Max		
Mechanical Life / 机械寿命	No-Load Plug In / Pull Out >10000 Times		
Rated Frequency / 额定频率	50Hz/60Hz		
Leakage Protection / 漏电保护	TDC 6mA (Optional)		
Function / 功能	RFID Card, APP		
Shell Material / 外壳材料	ABS+PC		
Status Indication / 状态指示	LCD Status Indicator		
Flame Retardant Grade / 防火等级	UL94 V-0		
Withstand Voltage / 耐压	2000V		
Relative Humidity / 相对湿度	5%-95%		
Operation Temperature / 工作温度	-30°C~ +55°C		
Storage Temperature / 存储温度	-40°C~ +70°C		
Waterproof Protection / 防水保护	IP54		
EV Control Box Size / 电动车控制箱尺寸	383mm (L) x 216mm (W) x 102mm (H)		
Weight / 重量	4.1KG	4.6KG	4.7KG
Standard / 标准	UL 2594 3rd Ed, UL 2231-1-2021, UL 2231-2-2020, UL 1998 3rd, UL 991-3rd Ed		
Certification / 认证	UL, ETL, FCC Approved		
Protection / 保护	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature Protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recovery)		

ITEM/名称	EV-G02-Tesla		
Product Model / 产品型号	EV-G02-Tesla30A	EV-G02-Tesla40A	EV-G02-Tesla50A
Rated Current / 额定电流	30A	40A	48A
Rated Power / 额定功率	7KW	9.6KW	11.5KW
Circuits / 电路	1-Phase	1-Phase	1-Phase
Cable Spec. / 电缆规格	3*10AWG+2*18AWG	3x9AWG+2x18AWG	2*8AWG+1*10AWG+2*18AWG
Operation Voltage / 工作电压	AC 240V		
Contact Resistance / 接触电阻	0.5MΩ Max		
Mechanical Life / 机械寿命	No-Load Plug In / Pull Out >10000 Times		
Rated Frequency / 额定频率	50Hz/60Hz		
Leakage Protection / 漏电保护	TDC 6mA (Optional)		
Function / 功能	RFID Card, APP		
Shell Material / 外壳材料	ABS+PC		
Status Indication / 状态指示	LCD Status Indicator		
Flame Retardant Grade / 防火等级	UL94 V-0		
Withstand Voltage / 耐压	2000V		
Relative Humidity / 相对湿度	5%-95%		
Operation Temperature / 工作温度	-30°C~ +55°C		
Storage Temperature / 存储温度	-40°C~ +70°C		
Waterproof Protection / 防水保护	IP54		
EV Control Box Size / 电动车控制箱尺寸	383mm (L) x 216mm (W) x 102mm (H)		
Weight / 重量	4.1KG	4.6KG	4.7KG
Standard / 标准	UL 2594 3rd Ed, UL 2231-1-2021, UL 2231-2-2020, UL 1998 3rd, UL 991-3rd Ed		
Certification / 认证	UL, ETL, FCC Approved		
Protection / 保护	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature Protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recovery)		

ITEM/名称	EV-G02-EU		
Product Model / 产品型号	EV-G02-EU7KW	EV-G02-EU11KW	EV-G02-EU22KW
Rated Current / 额定电流	32A	16A	32A
Rated Power / 额定功率	7KW	11KW	22KW
Circuits/电路	1-Phase	3-Phase	3-Phase
Cable Spec. / 电缆规格	3x6mm ² +2x0.75mm ²	5x2.5mm ² +2x0.75mm ²	5x6mm ² +2x0.75mm ²
Operation Voltage / 工作电压	AC 220V~240V/250V	AC 380V-400V/480V	
Contact Resistance / 接触电阻	0.5MΩMax		
Mechanical Life / 机械寿命	No-LoadPlugIn/PullOut>10000Times		
Rated Frequency / 额定频率	50Hz/60Hz		
Leakage Protection / 漏电保护	TDC6mA(Optional)		
Function / 功能	RFIDCard,APP		
Shell Material / 外壳材料	ABS+PC		
Status Indication / 状态指示	LCDStatusIndicator		
Flame Retardant Grade / 防火等级	UL94V-0		
Withstand Voltage / 耐压	2000V		
Relative Humidity / 相对湿度	5%-95%		
Operation Temperature / 工作温度	-30°C~+55°C		
Storage Temperature / 存储温度	-40°C~+70°C		
Waterproof Protection / 防水保护	Ip55		
EV Control Box Size / 电动车控制箱尺寸	383mm(L)x216mm(W)x102mm(H)		
Weight / 重量	4.1KG	4.4KG	4.9KG
Standard / 标准	EN61000-6-1/3, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN300 328,EN 301 489, EN 300 330, EN 62311		
Certification / 认证	TUV, UKCA CE Approved		
Protection / 保护	1.Leakage Current Protection 2.Over Current Protection 3.Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature Protection 6.Low Temperature Protection 7.Short Circuit Protection 8.Surge Protection 9.Overload Protection (self-checking recovery)		

ITEM/名称	EV-G02-GB		
Product Model / 产品型号	EV-G02-GB7KW	EV-G02-GB11KW	EV-G02-GB22KW
Rated Current / 额定电流	32A	16A	32A
Rated Power / 额定功率	7KW	11KW	22KW
Circuits / 电路	1-Phase	3-Phase	3-Phase
Cable Spec. / 电缆规格	3x6mm ² +2x0.75mm ²	5x2.5mm ² +2x0.75mm ²	5x6mm ² +2x0.75mm ²
Operation Voltage / 工作电压	AC 220V~240V/250V	AC 380V-400V/480V	
Contact Resistance / 接触电阻	0.5MΩMax		
Mechanical Life / 机械寿命	No-LoadPlugIn/PullOut>10000Times		
Rated Frequency / 额定频率	50Hz/60Hz		
Leakage Protection / 漏电保护	TDC6mA(Optional)		
Function / 功能	RFIDCard,APP		
Shell Material / 外壳材料	ABS+PC		
Status Indication / 状态指示	LCDStatusIndicator		
Flame Retardant Grade / 防火等级	UL94V-0		
Withstand Voltage / 耐压	2000V		
Relative Humidity / 相对湿度	5%-95%		
Operation Temperature / 工作温度	-30°C~+55°C		
Storage Temperature / 存储温度	-40°C~+70°C		
Waterproof Protection / 防水保护	Ip55		
EV Control Box Size / 电动车控制箱尺寸	383mm(L)x216mm(W)x102mm(H)		
Weight / 重量	4.1KG	4.4KG	4.9KG
Standard / 标准	EN61000-6-1/3, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN300 328,EN 301 489, EN 300 330, EN 62311		
Certification / 认证	TUV, UKCA CE Approved		
Protection / 保护	1.Leakage Current Protection 2.Over Current Protection 3.Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature Protection 6.Low Temperature Protection 7.Short Circuit Protection 8.Surge Protection 9.Overload Protection (self-checking recovery)		

PORTABLE CHARGING STATION

便携式充电器



PORTABLE CHARGING STATION


EV-G01 便携式充电器



MULTIPLE DIFFERENT PLUGS

多种不同插头



 Interchangeable plugs for any country
可互换插头，适用于任何国家

ITEM/名称	EV-G01-EU			
Products Model / 产品型号	EV-G01-EU-3.5Kw (-SK/UK/AU/SABS)	EV-G01-EU-7Kw	EV-G01-EU-11Kw	EV-G01-EU-22Kw
Rated Current / 额定电流	16A	32A	16A	32A
Rated Power / 额定功率	3.5KW	7KW	11KW	22KW
Cable Spec / 电缆规格	3x2.5mm ² +2x0.5mm ²	3x6mm ² +2x0.5mm ²	5*2.5mm ² +2*0.5mm ²	5*6mm ² +2*0.5mm ²
Operation Voltage / 工作电压	AC240V		AC480V	
Contact Resistance / 接触电阻	0.5MΩ Max			
Mechanical Life / 机械寿命	No-Load Plug In /Pull Out >10000 Times			
Rated Frequency / 额定频率	50Hz/60Hz			
Leakage Protection / 漏电保护	TDC 6mA (Operation)			
Shell Material of Station , Gun / 材料	ABS+PC			
Status Indication / 状态指示	LCD Status Indicator			
Flame Retardant Gade / 阻燃材料	UL94V-0			
Withstand Voltage / 耐电压	2000V			
Relative Humidity / 相对湿度	5%-95%			
Operation Temperature / 操作温度	-30°C- +55°C			
Storage Temperature / 存储温度	-40°C- +70°C			
Waterproof Degree / 防水等级	IP54			
EV Control box size / 控制箱尺寸	265mm (L) x 125mm (W) x 55mm (H)			
Weight / 重量	2.5KG	3.4KG	3.8KG	4.2KG
Standard / 标准	IEC 62752, IEC 61851, IEC 62196-1, IEC 62196-2			
Certification / 认证	TUV, CE Approved			
Protection / 保护	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5.Over Temperature protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recover)			

ITEM/名称	EV-G01-GB			
Products Model / 产品型号	EV-G01-GB-3.5Kw	EV-G01-GB-7Kw	EV-G01-GB-11Kw	EV-G01-GB-22Kw
Rated Current / 额定电流	16A	32A	16A	32A
Rated Power / 额定功率	3.5KW	7KW	11KW	22KW
Cable Spec / 电缆规格	3x2.5mm ² +2x0.5mm ²	3x6mm ² +2x0.5mm ²	5*2.5mm ² +2*0.5mm ²	5*6mm ² +2*0.5mm ²
Operation Voltage / 工作电压	AC240V		AC480V	
Contact Resistance / 接触电阻	0.5MΩ Max			
Mechanical Life / 机械寿命	No-Load Plug In /Pull Out >10000 Times			
Rated Frequency / 额定频率	50Hz/60Hz			
Leakage Protection / 漏电保护	TDC 6mA (Operation)			
Shell Material of Station , Gun / 材料	ABS+PC			
Status Indication / 状态指示	LCD Status Indicator			
Flame Retardant Gade / 阻燃材料	UL94V-0			
Withstand Voltage / 耐电压	2000V			
Relative Humidity / 相对湿度	5%-95%			
Operation Temperature / 操作温度	-30°C- +55°C			
Storage Temperature / 存储温度	-40°C- +70°C			
Waterproof Degree / 防水等级	IP54			
EV Control box size / 控制箱尺寸	265mm (L) x 125mm (W) x 55mm (H)			
Weight / 重量	2.5KG	3.4KG	3.8KG	4.2KG
Standard / 标准	IEC 62752, IEC 61851, IEC 62196-1, IEC 62196-2			
Certification / 认证	CQC, CE Approved		TUV, CE Approved	
Protection / 保护	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5.Over Temperature protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recover)			

ITEM/名称	EV-G01-US		
Products Model / 产品型号	EV-G01-US-16A	EV-G01-US-32A	EV-G01-US-40A
Rated Current / 额定电流	16A	32A	40A
Rated Power / 额定功率	3.84KW	7KW	9.6KW
Cable Spec / 电缆规格	3*12AWG+2*18AWG	3*10AWG+2*18AWG	3x9AWG+2x18AWG
Operation Voltage / 工作电压	AC 110V(level 1)	AC 240V(level 2)	
Contact Resistance / 接触电阻	0.5MΩ Max		
Mechanical Life / 机械寿命	No-Load Plug In /Pull Out >10000 Times		
Rated Frequency / 额定频率	50Hz/60Hz		
Leakage Protection / 漏电保护	TDC 6mA (Operation)		
Shell Material of Station , Gun / 材料	ABS+PC		
Status Indication / 状态指示	LCD Status Indicator		
Flame Retardant Gade / 阻燃材料	UL94V-0		
Withstand Voltage / 耐电压	2000V		
Relative Humidity / 相对湿度	5%-95%		
Operation Temperature / 操作温度	-30°C- +55°C		
Storage Temperature / 存储温度	-40°C- +70°C		
Waterproof Degree / 防水等级	IP54		
EV Control box size / 控制箱尺寸	265mm (L) x 125mm (W) x 55mm (H)		
Weight / 重量	2.3KG	4.2KG	4.6KG
Standard / 标准	UL 2594 3rd Ed, UL 2231-1-2021, UL 2231-2-2020, UL 1998 3rd, UL 991-3rd Ed , J1772		
Certification / 认证	ETL, FCC Approved		
Protection / 保护	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature Protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recovery)		

ITEM/名称	EV-G01-Tesla		
Products Model / 产品型号	EV-G01-US-16A	EV-G01-US-32A	EV-G01-US-40A
Rated Current / 额定电流	16A	32A	40A
Rated Power / 额定功率	3.84KW	7KW	9.6KW
Cable Spec / 电缆规格	3*12AWG+2*18AWG	3*10AWG+2*18AWG	3x9AWG+2x18AWG
Operation Voltage / 工作电压	AC 110V(level 1)	AC 240V(level 2)	
Contact Resistance / 接触电阻	0.5MΩ Max		
Mechanical Life / 机械寿命	No-Load Plug In /Pull Out >10000 Times		
Rated Frequency / 额定频率	50Hz/60Hz		
Leakage Protection / 漏电保护	TDC 6mA (Operation)		
Shell Material of Station , Gun / 材料	ABS+PC		
Status Indication / 状态指示	LCD Status Indicator		
Flame Retardant Gade / 阻燃材料	UL94V-0		
Withstand Voltage / 耐电压	2000V		
Relative Humidity / 相对湿度	5%-95%		
Operation Temperature / 操作温度	-30°C- +55°C		
Storage Temperature / 存储温度	-40°C- +70°C		
Waterproof Degree / 防水等级	IP54		
EV Control box size / 控制箱尺寸	265mm (L) x 125mm (W) x 55mm (H)		
Weight / 重量	2.3KG	4.2KG	4.6KG
Standard / 标准	UL 2594 3rd Ed, UL 2231-1-2021, UL 2231-2-2020, UL 1998 3rd, UL 991-3rd Ed , J1772		
Certification / 认证	ETL, FCC Approved		
Protection / 保护	1. Leakage Current Protection 2. Over Current Protection 3. Over Voltage Protection 4. Under Voltage Protection 5. Over Temperature Protection 6. Low Temperature Protection 7. Short Circuit Protection 8. Surge Protection 9. Overload Protection (self-checking recovery)		