

说明书 Specification

一、 参数 (Date)

产品名称: NACS 充电枪

Product name: NACS charging gun

产品型号: HVCONXMX 系列

Product model: HVCONXMX series

额定电压: 1000V

Rated voltage: 1000V

额定电流: 最大 600A (液冷)、375A (非液冷)

Rated current: Maximum 600A (liquid cooled), 375A (non-liquid cooled)

工作温度: $-40^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Operating temperature: $-40^{\circ}\text{C} \sim +50^{\circ}\text{C}$

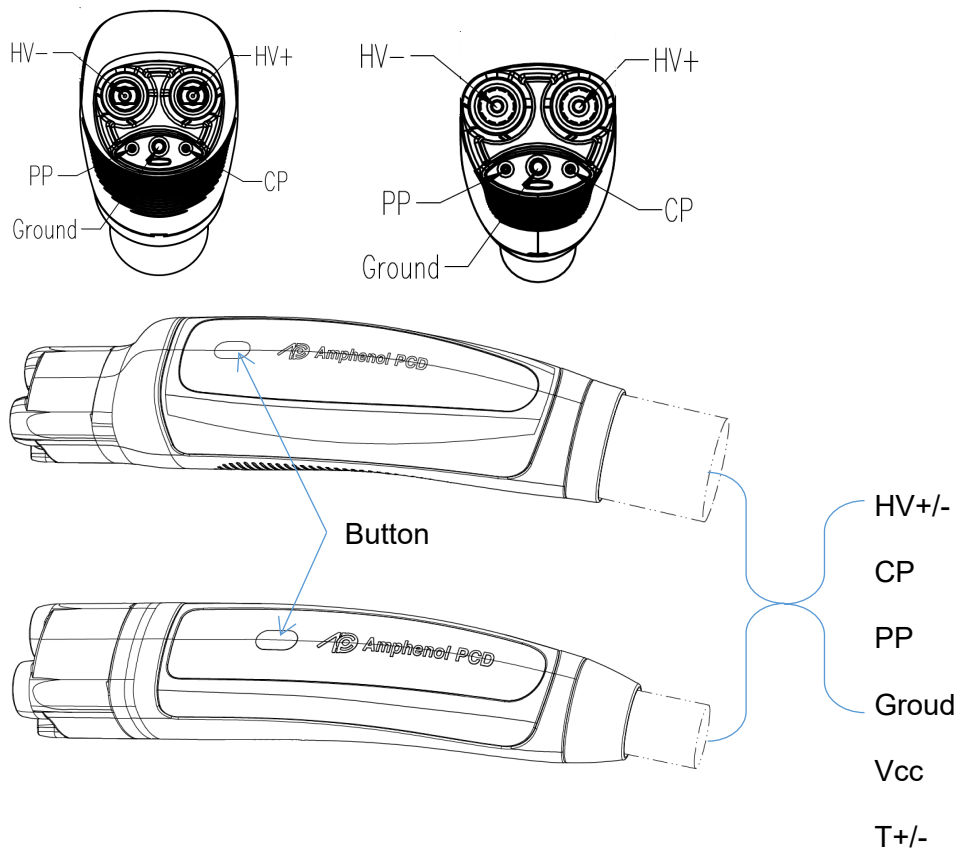
防护等级: IP55 (插合状态)

Protection Class: IP55(Mated)

参考标准: UL2251、SAE J3400

Reference standards: UL2251, SAE J3400

二、 功能 (Function)



HV+/-: 充电过程中电能传输

Power transmission during charging

CP: 充电过程中通信控制电路

Communication control circuit during charging

PP: 充电时确定与车辆的连接状态

Determine the connection status with the vehicle when charging

PE: 接地保护、射频模块供电负极

Ground protection and negative power supply of the RF module

Button: 发射射频信号（频率：315MHz, 范围：0.5 米~1 米）

Transmit RF signal (frequency: 315MHz, range: 0.5 m ~ 1 m)

Vcc: 给射频模块供电正极（电压：DC3.3~15V, 电流：<100mA）

provides positive power to the RF module

(voltage: DC3.3 ~ 15V, current: < 100mA)

T+/-: 温度传感器（PT1000、NTC）

Temperature sensor (PT1000, NTC)

三、 注意事项（Cautions）

1. 放置和使用过程中避免淋雨、日晒。
Avoid rain and sun during placement and use.
2. 充电前请检查导电孔内是否有异物、破损，如果有，禁止使用！
Please check whether there is foreign matter or damage in the conductive hole before charging. If there is, do not use it!
3. 不要将手指伸入导电孔内，否则有触电的危险！
Do not put your finger into the conductive hole, or you will risk electric shock!
4. 如充电枪外表有破损导致导电部件裸露，禁止使用！
If the charging gun is damaged and the conductive parts are exposed, do not use it!
5. 充电线缆不要在地上拖拽，避免线缆外皮磨损。
Do not drag the charging cable on the ground to avoid cable wear.
6. 充电前如发现线缆有破损，禁止使用！
If the cable is found damaged before charging, do not use it!
7. 需请有专业资质的电工进行安装
A qualified electrician is required for installation

四、 警告（Warning）

本设备符合 FCC 规则第 15 部分。操作必须符合以下两个条件：(1) 本设备不得造成有害干扰；(2) 本设备必须接受接收到的任何干扰，包括可能导致不正常操作的干扰。

未经合规责任方明确批准的变更或修改可能使用户无权操作设备。

根据 FCC 规则第 15 部分，本设备已经过测试，符合 B 类数字设备的限制。这些限制是为了在住宅装置中提供合理的保护，防止有害干扰。本设备产生、使用并能辐射射频能量，如果不按照说明书安装和使用，可能会对无线电通信造成有害干扰。但是，不能保证在特定的安装中不会发生干扰。如果本设备确实对无线电或电视接收造成有害干扰，可以通过关闭和打开设备来确定，则鼓励用户尝试通过以下一种或多种措施来纠正干扰：

- 重新定位或重新安置接收天线。
- 增加设备与接收机之间的距离。
- 将设备连接到与接收器连接的电路不同的插座上。
- 向经销商或有经验的广播/电视技术人员寻求帮助。

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

本设备包含符合加拿大创新、科学和经济发展部(Innovation, Science and Economic Development Canada)的许可证 RSS 的许可证发射器/接收器。操作需要满足以下两个条件:

- (1) 本设备不得造成干扰。
- (2) 本设备必须接受任何干扰, 包括可能导致设备不正常运行的干扰。

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'appareil contient un émetteur / récepteur exempté de licence conforme au CNR exempté de licence d'innovation, sciences et développement économique Canada. Les opérations sont soumises aux deux conditions suivantes:

- (1) Cet appareil ne peut pas causer d'interférences.
- (2) l'appareil doit accepter toute interférence, y compris celles qui peuvent entraîner un fonctionnement indésirable de l'appareil.

此发射机不得与任何其他天线或发射机共用或一起工作。安装和操作本设备时，散热器与人体之间的距离不小于20厘米。

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.