KESENS

# 便携式模式二充电枪
## Portable Mode 2 Charging Cable



## 产品介绍 Product Description

凯晟便携式充电枪是专为新能源汽车设计的高集成、高安全便携式充电枪，内置MCU与多路SMPMS电源模块确保运行稳定。产品具备全方位防护：支持漏电（ZCT）检测、过流切断、NTC过热监控及继电器自诊断，保障充电安全。交互上，支持电流智能调节与CP信号监控，配7段数码管与三色LED直观显示状态，并通过CP线实现UART通信与固件更新，集智能控制与安全防护于一体。

The KESENS ICCB is a highly integrated and safe charging box designed for NEVs. Featuring an MCU and multiple SMPMS power modules for stable operation, it provides comprehensive protection: ZCT leakage detection, overcurrent cut-off, NTC over-temperature monitoring, and relay self-diagnosis. It supports intelligent current regulation and CP signal monitoring, equipped with a 7-segment display and tri-color LEDs for intuitive status indication, and enables UART communication and firmware updates via the CP line, integrating smart control and comprehensive protection.

## 产品功能 Product Function

- 16A交流充电功能
  16A AC charging function
- 指示灯显示功能
  4 high-side drive outputs
- LCD信息提示功能
  Indicator light display function
- CP保护
  CP protection
- 充电过流保护
  Charge overcurrent protection
- 过欠压保护
  Over and under voltage protection
- 漏电流保护
  Leakage current protection
- 过温保护
  Overtemperature protection
- 继电器粘连检测
  Relay adhesion detection
- 过载保护
  Overload protection
- 防雷保护
  Lightning protection

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## 产品优势 Product Advantages

- 多国别、多车型兼容
  Multi-country and multi-vehicle compatibility
- 人体工程学设计
  Ergonomic design
- 便携随车，部署灵活
  Portable and flexible for in-vehicle use
- 普通插座即可取电
  Works with standard household sockets
- 电流可调，适配不同线路
  Adjustable current for various wiring capacities
- 收纳便捷
  Compact design for easy storage
- 应急补能兜底
  Emergency backup charging

## 产品特性 Product Features

- 32位高性能主控芯片
  32 bits high performance MCU
- 分体式拆卸结构易于后期维护
  Split-type detachable structure for easy maintenance.
- 清晰可靠的信息交互
  Clear and reliable information interaction.
- 满足IEC/SAE标准
  Meets IEC/SAE standards.
- 充电电流等级及故障显示
  Charging current level and fault indication.
- 支持CP-UART转换电路
  Supports CP-UART conversion circuit.

可根据客户需求定制产品，如有需求请联系我们。
Customized products available upon request. Contact us for details.

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