



---

## BPCT 电池包容量检测仪

---

## BPCT Battery Pack Capacity Tester

---

新能源汽车动力电池容量检测专用设备

Special Equipment for New Energy Vehicle Power Battery Capacity Detection

---

### 先进的产品方案

#### Advanced Product Solution

- 基于云架构的动力电池快捷检测系统 Cloud-based quick detection system for power batteries
  - 适用于所有BEV新能源车辆的容量核定 Capacity verification for all BEV new energy vehicles
  - 适用于新能源汽车制造商免拆电池包的索赔鉴定 Claim verification for new energy vehicle manufacturers without battery disassembly
  - 适用于汽车流通领域的动力电池快速估值 Rapid power battery valuation for automotive circulation
- 

### 完美的使用体验

#### Perfect User Experience

- 紧凑的产品结构，便于移动和收纳 Compact structure, easy to move and store
  - 极简的操作步骤，减少培训工作量 Extremely simple operation, reduces training workload
  - 检测报告自动推送至微信小程序 Test report automatically pushed to WeChat Mini Program
- 

### 完善的信息管理系统

#### Comprehensive Information Management System

- 设备自带Wi-Fi功能，支持和服务器直接通讯 Built-in Wi-Fi, supports direct communication with server
  - 通过小程序完整展示检测报告，并支持报告存储和分享 Complete report display via Mini Program, supports storage & sharing
  - 集团级用户管理，支持多场景应用 Group-level user management, supports multi-scenario applications
- 

## 规格 / Specifications

- 工作电压 / Operating Voltage • DC 9 – 36V / 1A
  - 电气指标 / Electrical Specifications • 0 – 1000VDC • 0 – 300A • 充电桩能量测试 / Charging pile energy test • 动力电池衰减测试 / Power battery attenuation test
  - 故障模拟测试 / Fault Simulation Test • DC+ ~ PE • DC- ~ PE • CC1 / CC2 • Data error • Sending cycle delay • Data sending loss • Network storm
  - 外部接口 / External Interface • LAN • OBD • DC Input
  - 工作温度 / Operating Temperature • 0°C – 40°C
  - 尺寸及重量 / Dimensions & Weight • (L)360\*(W)100\*(H)260 mm • < 11 KG
- 

## 应用领域 / Application Fields

- 服务中心车辆状态检测 Vehicle status detection at service centers
  - 新能源汽车年检整车检测 Annual inspection for new energy vehicles
  - 二手车电池包容量鉴定 Used car battery pack capacity verification
  - 梯次利用电池包快速检测 Rapid testing for second-life battery packs
  - 储能系统电池包快速检测 Rapid testing for energy storage system battery packs
- 

## 产品价值 / Product Value

- 鉴定车辆价值 Evaluate vehicle value
  - 鉴定电池当前健康状态 Assess current battery health status
  - 减少索赔和维修工时 Reduce claims and maintenance man-hours
  - 提升车主满意度 Improve customer satisfaction
  - 提高门店效益 Increase store efficiency
- 

## 主要功能 / Main Functions

- 动力电池健康度评分 Power battery health score (SOH)
- 动力电池总容量测试 Power battery total capacity test
- 过温、过压等故障检测 Over-temperature, over-voltage fault detection
- 充电电流实时监测 Real-time charging current monitoring
- 充电电压实时监测 Real-time charging voltage monitoring