



BPCT

Portable Battery Power Capacity Tester For Electric Vehicle

Cutting-edge Solution for EVs Battery Capacity Testing

As the number of electric vehicles (EVs) grows rapidly, battery capacity degradation becomes a major concern for owners. However, there is a lack of fast and accurate tools for testing EV battery capacity.

Battery capacity degradation not only raises legal and regulatory issues but also affects the core value of the vehicle for owners, along with the battery capacity stands a crucial factor in determining the value of used cars.

Naythan technology integrates the industry's leading technologies and applications to provide users with a comprehensive solution for testing the capacity of electric vehicle batteries.

Advanced Product Solution

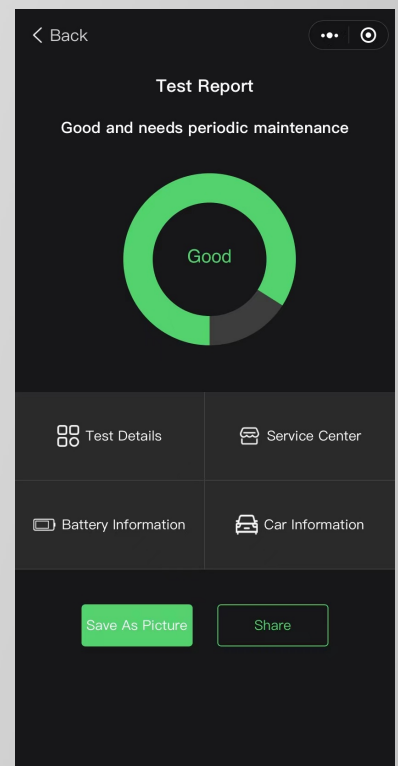
- Cloud-based power battery rapid inspection system for all EV's battery capacity testing
- Suitable for EV manufacturers claim appraisal with non-disassembly battery pack
- Suitable for used-car dealership to evaluate power batteries in a short time

Satisfied User Experience

- Compact product design, easy for mobility and storage
- Simple operation steps, reducing training workload
- Test reports automatically sent to WeChat mini program

Comprehensive Information Management System

- Equipment uploads data directly with servers via 4G network
- Display completely test reports through Mini Program
- Supports saving and sharing reports for group-level user management
- Supports multiple scenario applications





Key Functions

- ❖ Power battery health score
- ❖ Total battery capacity test
- ❖ Fault detection for over-temperature, over-voltage, etc.
- ❖ Real-time monitoring of charging current
- ❖ Real-time monitoring of charging voltage

Application Areas

- ❖ Vehicle service center status detection
- ❖ New energy vehicle annual inspection and vehicle testing
- ❖ Used car battery pack capacity identification
- ❖ Rapid testing of battery packs for cascade utilization

Product Value

- ❖ Identify vehicle value
- ❖ Identify current health status of the battery
- ❖ Reduce claim and repair time
- ❖ Enhance customer satisfaction
- ❖ Improve stores efficiency

Specification

| Testable Vehicles | All BEV Models | Program Upgrade | OTA |
|----------------------------|--------------------|---------------------------|----------------|
| Safety Inspection Function | Support | IP Level | IP54 |
| Communication Protocol | GB/T 27930 | System Data Interface | Support |
| Voltage Measurement Range | 0~1000V DC | Current Measurement Range | 0~250 A |
| Operating Software | BPCT、WeChat applet | Dimensions | 360*100*260 mm |
| Report Output Mode | PDF、WeChat Applet | Weight | 3 kg |

