iSmartEV P03

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**New Energy Vehicle Integrated Detector**

NEW

An integrated intelligent detector for new energy vehicles. The equipment integrates the battery pack detection and whole vehicle system detection functions for new energy vehicles, and integrates oscilloscope, multimeter, insulation test and current clamp.

# Features

■ "Original level" detection of battery pack

Support reading the current SOC/SOH, single/module voltage, input/output current and power, battery temperature and other parameters of the battery pack;

Support reading the detailed status information and fault information of battery pack, automatically calculating the key index data such as total voltage, voltage difference, maximum/minimum voltage, and automatically marking abnormal data.

■ All vehicle series whole system detection

Support the whole system detection of all series of new energy vehicles (NEVs), and support the detection functions such as code reading, code clearing, data flow, action test and special functions.

■ Integrate four kinds of detection tools

Integrated oscilloscope, multimeter, insulation detection and current clamp, covering the common measurement requirements in the maintenance scene of new energy battery pack.
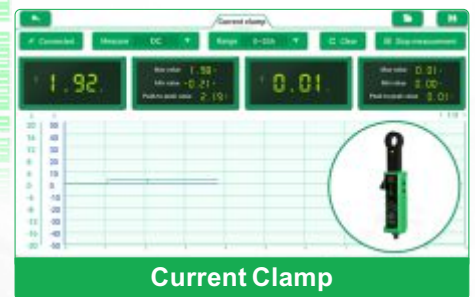
**Oscilloscope**

**Multimeter**

## INTEGRATE FOUR KINDS OF DETECTION TOOLS

**Insulation Detection**

**Current Clamp**

## Special Connector For Battery Pack Detection

■ Equipped with special connectors for battery packs of various brands, which support plug and play without tedious jumper operation.



### Special detection software for battery pack



### Covering more than 95% of new energy vehicles

■ Built-in special detection software for battery pack, which supports battery pack detection according to vehicle brand or battery manufacturer, allowing users to enter the battery pack detection function more quickly.

■ Currently, the instrument is applicable to battery pack detection for more than 95% of new energy vehicle brands, and the coverage is continuously updated.

## Parameters

| Host | | VCI | |
|---|---|---|---|
| Display Size | 10.1inches(1920x1200) | Voltage | DC 9~36V |
| CPU | 2.0GHz | CPU | Cortex-A7 + Cortex-M7 |
| RAM | 8GB | Memory | 256MB |
| Memory | 256GB | Storage | 8GB |
| System | Android10 | System | Linux |
| Wi-Fi | 2.4GHz/5GHz | Wi-Fi | 2.4GHz/5GHz |
| Camera | 13.0 MP | Communication | Wi-Fi、BT、USB |
| Battery | 3.7V/18720mAH | Interface | USB Type B、OBD II -16、DC-IN |
| Interface | Type A、Type C | Product size | 197×40×83mm |
| Communication | Wi-Fi 、BT 、USB | | |
| Product size | 440×120×298mm | | |