iSmartEV P01

EV SOLUTIONS SERIES

iSmartEV P01

New Energy Vehicle Battery Pack Detector

An accurate, safe and easy-to-use "Original level" in-depth diagnostic instrument for battery packs of new energy vehicles, which integrates battery pack detection and vehicle system detection functions.

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.

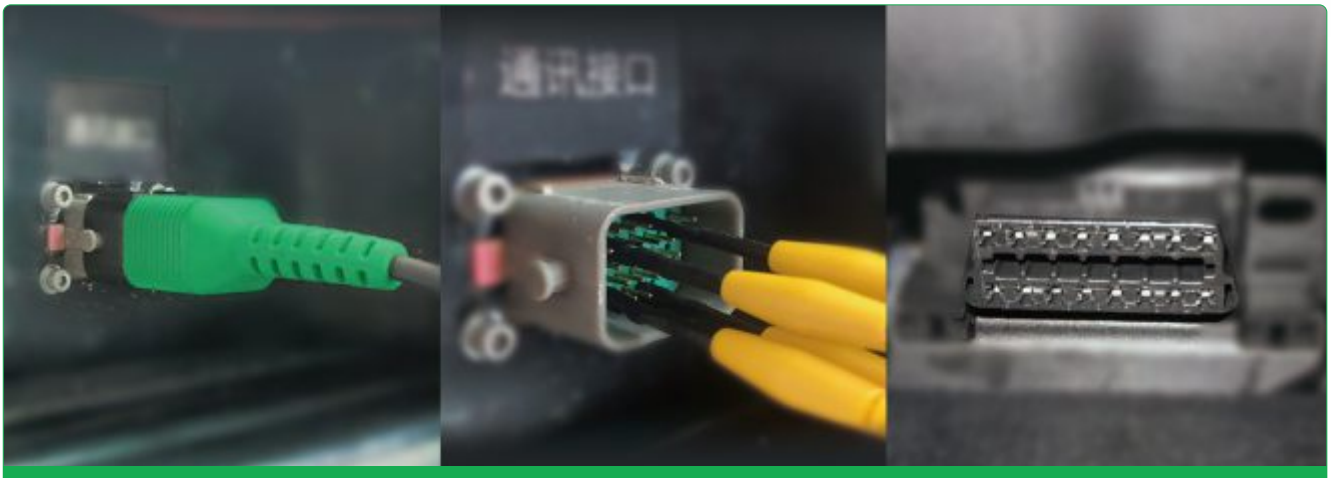
All vehicle series whole system detection

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.

Parameters			
Host		**VCI**	
Display Size	10.1inches(1920x1200)	Voltage	DC 9~36V
CPU	2.0GHz Octa-core	CPU	Cortex-A7 + Cortex-M7
Memory	4GB	Memory	256MB
Storage	128GB	Storage	8GB
System	Android11	System	Linux
Wi-Fi	2.4GHz/5GHz	Wi-Fi	2.4GHz/5GHz
Camera	Front 8MP、Post 13MP	Communication	Wi-Fi、BT、USB
Battery	3.8V/9360mAH	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	318×40.5×246.5mm		

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.



Three battery pack detection methods

- Support connecting through special connector, through jumper and through OBD, which provide more choices for users.

Special detection software for battery pack

- 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.

Covering more than 95% of new energy vehicles

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