

## iSmartEV P01 New energy vehicle battery pack tester

New energy intelligent detection battery pack diagnostic expert

Battery pack intelligent detection equipment covering more than 95% of mainstream new energy vehicle brands.

### Features

- Battery Pack Diagnostics
- Comprehensive testing
- diagnostic feedback
- software upgrade
- special function



### Specifications

Host		VCI	
Display Size	10.1inches(1920x1200)	Voltage	DC9~36V
CPU	2.0GHz Octa-core	CPU	DC9~36V
Memory	4 GB	Memory	Cortex-A7 + Cortex-M7
Storage	64 GB	Storage	256 MB
System	Android11	System	8 GB
Wi-Fi	2.4GHz/5GHz	Wi-Fi	Linux
Camera Front	800MP、Post 1300MP	Communication	2.4GHz/5GHz
Battery	3.8V/9360mAH	Interface	Wi-Fi, BT, USB
Interface	Type A, Type C	Product size	USB Type B, OBD II -16, DC-IN
Communication	Wi-Fi, BT, USB		
Product size	318x40.5x246.5mm		



## iSmartEV P03 New energy vehicle Integrated Detector

Original level detection of battery pack. All vehicle Series whole system detection. Moreover it has a special connector for battery pack detection. And also it integrate four kinds of detection tools.



### Features

- Battery pack "special inspection level" detection
- Full system inspection of the whole car series
- Integrates four detection tools
- Four battery pack detection methods

### Specifications

Host		VCI	
Display Size	10.1 inches(1920x1200)	Voltage	DC9~36V
CPU	2.0GHz Octa-core	CPU	Cortex-A7 + Cortex-M7
Memory	8 GB	Memory	256 MB
Storage	256 GB	Storage	8 GB
System	Android10	System	Linux
Wi-Fi	2.4GHz/5GHz	Wi-Fi	2.4GHz/5GHz
Camera Front	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	197x40x83mm
Communication	Wi-Fi, BT, USB		
Product size	440x120x298mm		

## iSmartEV ET30

### Battery Pack Airtightness Detector (Low Pressure)

High Reliability

It has ultrahigh precision and stable voltage regulation and intelligent operation also.



### Features

- High Sensitivity
- Process Visualization
- Double Display of Pressure Value
- Parameter Management
- Parameter Setting
- Intelligent Alarm

### Specifications

Specification	Parameters
Electrical requirements	AC220V
Test Pressure Range	0~30Kpa
Sensor Resolution	1Pa
Test accuracy	±5pa
Communication interface	RS-232 / USB
Power	20W(MAX)
Air Source Requirements	0.1~1.0 Mpa Dry Compressed air
Air Inlet Interface/Test Interface	φ6 mm air pipe
Working Temperature	-10°~55°C
Working Humidity	Wi-Fi, BT, USB

## iSmartEV EB240 Battery Pack Cell Equalizer

New intelligent cell testing equalization

Independent channel design, which can detect the module cells and charge or discharge evenly. When charging or discharging, ensure that each cell in the module is not overcharged or over-discharged.

### Features

- Charge And Discharge Equalization
- Equilibrium Maintenance Preset
- Voltage Clamp
- Multiple Protection
- 7-inch Display Screen



### Specifications

Specification	Parameters
Power input	Single-phase AC90-264V
Rating range	40~60Hz
Charge and discharge voltage range	1.8~4.2V
Voltage detection accuracy	±0.1%FS±2mV(maximum range5V)
Charge and discharge current range	0.1~5AMAX
Current detection accuracy	±1% FS±0.05A(maximum range 5A)
Battery temperature detection accuracy	±2°C(-25°C~85°C)
Number of channels	2×12
Charge and discharge power	Max600W
Battery interface	16Pin,24Pin
Display	7-inch TFT LCD screen, resolution 800×480
PC data communication	TCP/IP, USB-Device
Wireless communication	WiFi and BT (external WiFi antenna)
Charge control	Constant current charging + constant voltage charging
Discharge mode	Constant current discharging + constant voltage discharging
Protection function	Input over-current protection, over-voltage protection, output over-current protection, over-temperature protection

## iSmartEV EP260

### Battery Pack Module Charging and Discharging Integrated Machine

Reverse polarity, too high temperature, short overcurrent, fan failure, too high voltage, too large current will be alarmed.

It can collect the highest/lowest voltage, temperature and other data of a single string battery. The collected data are displayed on the screen in the form of column chart, report form and curve, which can be zoom in/out locally for easy viewing.

#### Features

- Multi-Purpose
- Multiple Discharge Modes
- Efficient Charging Mode
- Battery Pack Activation
- Information collection
- Protection alarm



#### Specifications

Specification	Parameters
Working power supply	Single-phase three-wire AC220V
frequency range	40~60Hz
Display	7-inch TFT LCD screen, resolution 800×480
Data communication	CANRS485
Group terminal voltage accuracy	$\leq \pm 0.5\%FS + 0.3V$ , resolution : 0.1V
Single voltage accuracy	$\leq \pm 0.1\%FS + 5mV$ , resolution : 0.001V
Test current accuracy	$\leq \pm 1\%FS + 0.2A$ , resolution : 0.1A
Charge and discharge voltage range	DC2~260V
Charge current range	Maximum current 100A, maximum power 4.4kW
Discharge current range	Max current : 150A / max power : 7.2kW
Charge control	Constant current charging + constant voltage charging
Discharge mode	Constant current discharge
Charge、discharge protection	Overcharge and over-discharge protection, over-temperature protection
Host protection	Over-temperature, over-current and out-of-control current triggers shutdown protection
Reverse polarity protection	Supported
Abnormal protection	Power cord power failure, main cable power failure
Over-temperature protection	The resistance box over-temperature is 85°C; Radiator over temperature is 100°C



## iSmartEV DP750 Adjustable Digital Power Supply

iSmartEV DP750 is an intelligent digital power supply for the maintenance of new energy vehicles and fuel vehicles. It adopts high and low voltage modular isolation design and has the characteristics of high and low voltage dual output, Bluetooth wireless control, and multi-scenario applications, is a safe, stable and intelligent digital power supply product.

### Features

- Applicable To New Energy & Fuel Vehicles
- High & Low Voltage Dual Module
- High Voltage Self Inspection Protection
- Bluetooth Wireless Connection



### Use Scenarios



**ECU**



**Air Conditioning Compressor**



**DC-DC Module**



**Power Steering Pump**

### Specifications

Parameters					
Power	AC100-240V@16A		High Voltage	Voltage	250~750V
MP	3200W Max			Current	0-5A
Comm	BT (BLE 4.2)		Low Voltage	Voltage	12V/24V
Display Mode	Display	LED Digital Tube		Current	1A
	LV Output	12/24V	Protection	Short Circuit, Current Limiting, Over Voltage, Under Voltage, Over Temp	
	HV Output	250~750V	Working Temp	-10~65°C	
Front Panel	High Voltage		Voltage SWK, Current SWK, Switch Button		
	Low Voltage		12V SWK, 24V SWK, Switch Button		
Size	315x192x186mm		Weight	4.85Kg	

## BATTERY PNEUMATIC LIFT LJS4015

DaTo BATTERY PNEUMATIC LIFT - LJS4015 is designed with high quality steel, sand blasted - heat treated and powder coated robust structure to deliver the best durability and reliable service to our valuable customers. It is an ideal for lifting battery.



### Specifications

Specification	Parameters
Drive Method	Pneumatic Hydraulic
Lifting capacity	1.5 Ton
Host lift height	2000 mm
Platform Initial height	710 mm
Platform Length	1360 – 1525 mm
Overall Length	1820 mm
Total Weight	441.5 Kg
Air Pressure Req.	0.7 – 1.0 Mpa
Output Pressure	0 – 30 Mpa

## TOOLS TROLLEY TTL7C369 - 368 TOOLS

The DaTo Tools trolley is the uniquely designed with ease /handy and manufactured with high quality and precision for accurate and professional tools. A fifth wheel is added for added stability of the trolley with multiple trays opened. The trolley comes with theft protection locks and high rigidity ABS top for strength and durability.



### Features

- Chrome Vanadium Tools, High Finishing, Durable and Heavy Duty tools
- The most widest and appropriate selection of Tools
- Cabinet: Fifth wheel support prevents top over
- ABS Hood panel Smooth finish and rounded edges.
- Individual Locks for Drawers, and Master Key
- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical, and consumer applications.
- Set includes 350 piece, covering most of your need.
- Theft protection locks and high rigidity ABS top for strength and durability.
- Tools trolley set has a new & sturdier blow mold case as well as new and well-improved DaTo screwdrivers.



## AC SERVICE STATION ACMAS702

DaTo ACMAS702 is an entry model, suitable for new A/C practitioners, or for areas where price is sensitive. The unique design has facilitated quick load cell unlock, easy and economic maintenance, self-troubleshooting and convenient USB upgrade etc.

### Features

- Recovery
- Vacuum
- Charge
- Tank fill
- Automatic mode.

### Specifications

Specification	Parameters
Input Power	AC220V±10%~50/60Hz, AC110V±10%~60Hz
Compressor power	3/8Hp
Recovery rate	96%
Vacuum pump capacity	120L/min, non-sparkle
Vacuum leak test	1-60min
Accuracy of gas cylinder load cell	±10g
Max Pressure	20bar
Charge Speed	2Kg/Min(max)
LCD display	7-inch, touch screen
High pressure gauge range	-1bar~40bar
Low pressure gauge range	-1bar~22bar
Dual gas cylinder capacity	10Kg
Average gas refrigerant recovery speed	0.25Kg/min
Dimension	610x595x1075mm <sup>3</sup>

