



iSmartEV DP750



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Adjustable Digital Power Supply

iSmartEV DP750, an ideal intelligent power supply for EV and fuel vehicles, was designed with isolated low and high voltage module to provide dual output, and can be remote controlled by bluetooth to adjust multiple working environment. Its purpose is to create safe, stable and intelligent power supply for different EV maintenance applications.



Applicable To New Energy & Fuel Vehicles



High & Low Voltage Dual Module



High Voltage Self Inspection Protection



Bluetooth Wireless Connection

Features

■ Applicable to new energy & fuel vehicles

iSmartEV DP750 is applicable to the maintenance scenarios of new energy vehicles and fuel vehicles, and can be used for offline driving and maintenance testing of high-voltage electrical appliances, such as air conditioning compressor, power steering machine, DC-DC module, electronic fan, etc.

■ High & low voltage dual module

High voltage modules and low voltage modules are independent of each other and can be managed, maintained, monitored independently. They can be protected from each other when the power output is made.

■ High voltage self inspection protection

iSmartEV DP750 has independent protection mechanism in input circuit, high voltage output circuit and low voltage output circuit. It can detect under voltage, over voltage, over current, short circuit and other faults and make corresponding protection measures.

■ Bluetooth wireless connection

iSmartEV DP750 supports iSmartEV P01 to view high and low pressure operation remotely, set high and low pressure parameters, and turn on/off high and low pressure output function.

Parameters

Power Input	AC100-240V@16A	High Voltage(Voltage)	250~750V
Maximum Power	3200W Max	High Voltage(Current)	0-5A
Communication	BT (BLE4.2)	Low Voltage(Voltage)	12/24V
Display Mode	LED Digital Tube	Low Voltage(Current)	1A
Low Voltage Output	12/24V	Protection	Short-Circuit, Current-Limiting, OverVoltage, UnderVoltage, OverTemp
High Voltage Output	250~750V	Working temperature	-10~65°C
Front Panel(High Voltage)	Voltage SWK, Current SWK, Switch Button	Size	315mm×192mm×186mm
Front Panel(Low Voltage)	12V Button, 24V Button, Switch Button	Weight	4.85kg

Use Scenarios



ECU



Air Conditioning Compressor



Power Steering Pump



Air Compressor (Air pump)



Power Steering Pump (Hydraulic)



Water Heating PTC



Electronic Fan

* iSmartEV DP750 Applicable to but not limited to the above electrical equipment.

How to Control



- The low-voltage voltage mode can be selected through the corresponding Button, and the high-voltage voltage and current parameters can be set;
- It can be controlled through iSmartEV P01 and iSmartEV P03 Bluetooth;