



DP901

DP901

Adjustable High Voltage Power Supply



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DP901 is a dedicated intelligent digital power supply suitable for both EVs and fuel vehicle maintenance. The voltage range of the high-voltage output is 50V-900V, which can be used for offline driving and maintenance test scenarios of more high-voltage electrical appliances.



Suitable for Electrical and Fuel Vehicles



Dual-Mode Output for High and Low Voltage



High Voltage Self-Check Protection



Bluetooth Wireless Control



Features

1. The high-voltage and low-voltage modules are isolated from each other, allowing individual protection for each module during power output without mutual interference;
2. Independent protection mechanisms are implemented in the input circuit, high-voltage output circuit, and low-voltage output circuit. These mechanisms can detect faults such as undervoltage, overvoltage, overcurrent, and short circuits, and initiate appropriate protective measures;
3. Compatible with various models of Smartsafe intelligent terminals for remote control capabilities.

Functions

1. **Low Voltage Output:** Supports 0V50V, 0A15A DC output, adjustable voltage/current through knobs;
2. **High Voltage Output:** Supports 50V900V, 0A5A DC output, adjustable voltage/current through knobs;
3. **Multiple Protections:** Supports high voltage input overvoltage, undervoltage protection, high voltage output overtemperature, short circuit, reverse polarity protection, low voltage output current limiting, short circuit protection;
4. **Remote Control:** Can be used with ST13/P01/P03 devices, remote operation via Bluetooth connection.

Parameters

Power Supply	AC100-240V@20A	Communication	BT
Maximum Power	4000W Max	Display	LED Digital Tube
High Voltage Output	Voltage: 50~900V Current: 0~5A	Protection	Short-Circuit, Current-Limiting, OverVoltage, UnderVoltage, Over Temp
Low Voltage Output	Voltage: 0~50V Current: 0~15A	Working Temp	-10~65°C
		Size	395x315x265mm
		Weight	11kg
Front Panel	High Voltage: Current knob, Voltage knob, High voltage switch button		
	Low Voltage: Current knob, Voltage knob, Low voltage switch button		

Usage Scenarios



ECU



Air Conditioning
Compressor



Electric Steering
Pump



Air Compressor
(Air pump)



Electric Steering Pump
(Hydraulic)



Water Heating
PTC



Electronic
Fan

* Suitable for but not limited to maintenance scenarios involving DP750/DP901 electrical devices

Operating Modes



P01



P03



DP750



DP901

2 Switching Button