



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
Front Panel	High Voltage: Current knob, Voltage knob, High voltage switch button Low Voltage: Current knob, Voltage knob, Low voltage switch button	Size	395x315x265mm
		Weight	11kg

Usage Scenarios



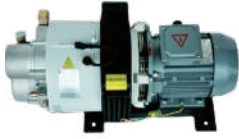
ECU



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