



波尔高压电源（宿迁）有限公司
英国真维特(GENVOLT)高压设备公司
追求完美的高压电源制造专家

Specification for Model -2kV 10mA High Voltage Power Supply

I、Electrical Characteristics

Input Voltage:	24VDC (from 18 to 26VDC)
Input Current:	Maximum 1.5A under all operating conditions
Output Voltage:	0 to 2000V negative with respect to the ground input
Output Current:	Maximum 11mA
Ripple:	<30V peak to peak at full load

II、The connections to the unit are by means of 12A plug-in PCB mounting terminal block(J1 on board),PINS definition are:

- PIN1: High Voltage Feedback, Output. 0 to 10V = 0 to -2000V
- PIN2: Signal Ground
- PIN3: High Voltage Demand, Input. 0 to 10V = 0 to -2000V
- PIN4: HV ON, Input, Low Effective. Open circuit Voltage=15V
- PIN5: Power Ground
- PIN6: Power Input 24Vdc

III、Operating Environment

The unit is designed for operation in a free-air ambient from 0°C to +50°C. The unit is not hermetically sealed and so the atmosphere should be non-condensing

IV、Protections

The unit is protected against output short-circuit and arcing events. The input is protected against reverse-polarity connection of the power source

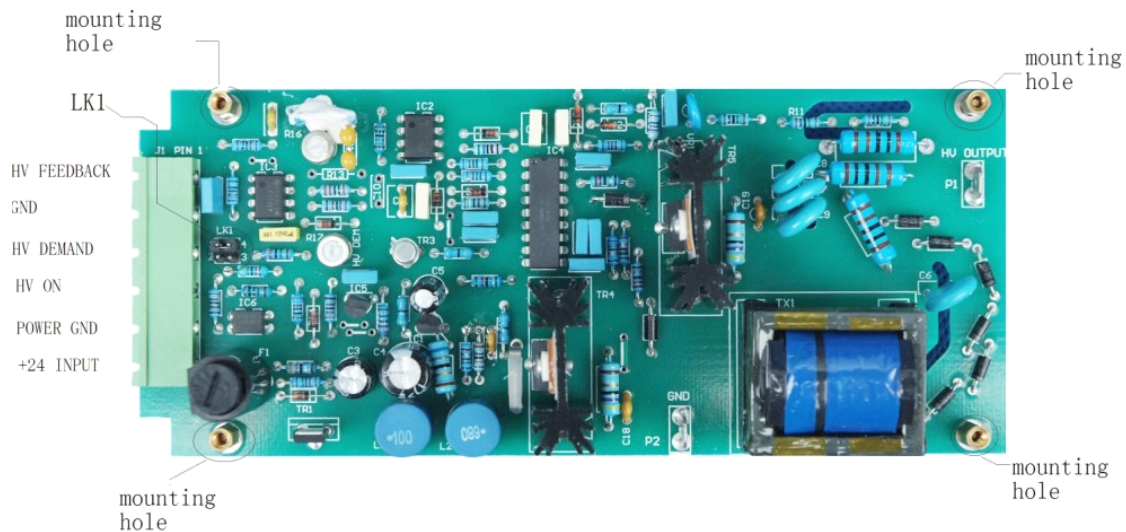
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V、Dimensions

The power supply is 174mm long x 75mm wide x 35mm high. The power supply can be enclosed in a folded aluminium enclosure 200mm x 82mm x 42mm. The HV output will be by flying lead

VI、Instruction for use



1、The mode of hv demand

LK1---The mode of hv demand

Inside---- 1、4

Outside---- 2、3

2、HV ON

Low Effective,users can connect the pin 2 with pin 4.

3、HV feedback

Users can monitor HV output by the voltage of pin 1.

VII、Considerations

The product can generate high voltage,affecting safety of persons,so non-professional prohibit maintenance。