



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 DC Input -1200V 60W High Voltage Power Supply

I、Electrical Characteristics

Input Voltage:	24VDC (from 22 to 26VDC)
Input Current:	Maximum 4A under all operating conditions
Output Voltage:	0 to 1200V negative with respect to the ground input
Output Current:	Maximum 55mA
Polarity:	Negative
Ripple:	Better than 0.1% peak to peak at full load
Voltage Regulation:	Better than 0.1% over above specified input variation
Load Regulation:	Better than 0.1% over above specified load variation
Temperature Coefficient:	<200ppm/°C

II、PIN definition are:

- PIN1 PIN2: voltage monitor, 0-10V output
PIN3 PIN4: Ground
PIN5 PIN6: High Voltage Demand, Input. 0 to 10V=0 to -1200V
PIN7 PIN8: current monitor, 0-10V output
PIN9 PIN10: current program, 0-10V input
PIN11 PIN12: 10V reference
PIN13 PIN14: GND
PIN15 PIN16: Safty Enable, OPEN CIRCUIT=HV OFF,
GROUND=HV ON
PIN17 PIN18: GND
PIN19 PIN20: NC

III、Operating Environment

The unit is designed for operation in a free-air ambient from 0°C to +40°C.
The unit is not be hermetically sealed and so the atmosphere should be
non-condensing

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IV、Protection

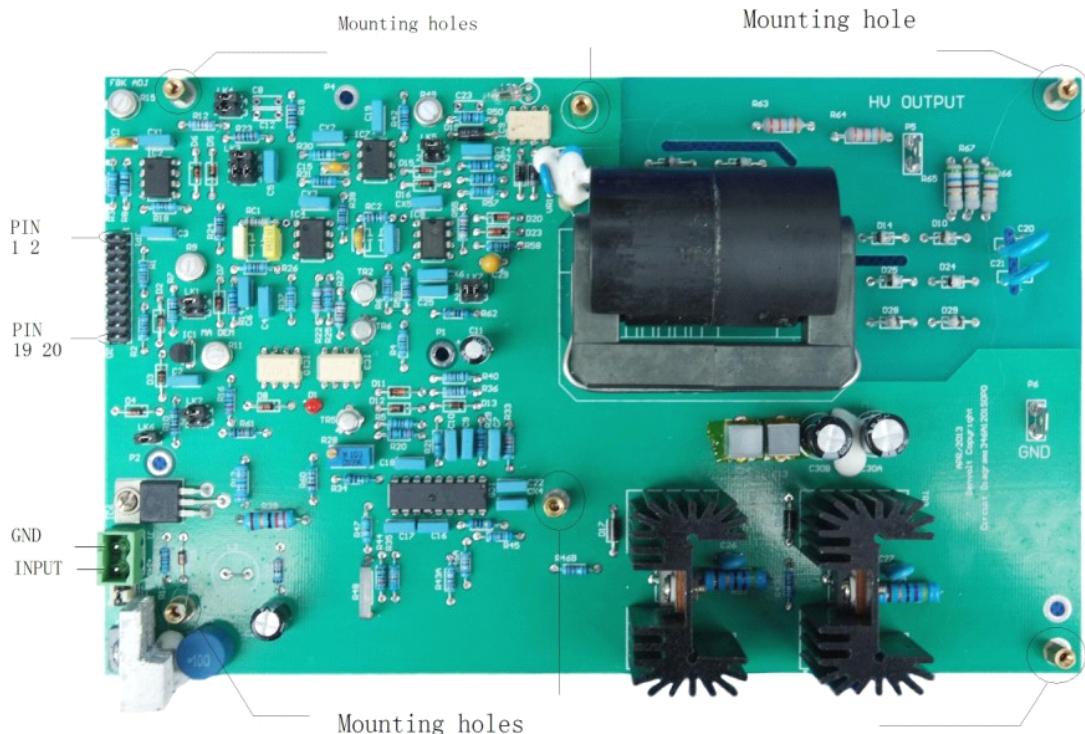
Overload short-circuit and Input reverse polarity Protection

When one of these defaults occurs and output current rises to about 1.1mA, the unit should fall in constant current mode. In case arcing, the psu will be tripped for short time and restart again

V、Dimensions

The power supply is 229mm long x 141mm wide x 35mm high.

VI、Instruction for use



1、The modes select of hv demand by LK1

Inside---- 1、4

Outside---- 2、3

2、The modes select of current demand by LK2

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Inside---- 1、4

Outside---- 2、3

3、HV ON

Low Effective,users can connect the pin 13with pin 15.

4、HV feedback and current feedback

Users can monitor HV output by the voltage of pin 1
and also can monitor current by the voltage of pin 7

VII、Considerations

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

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