



71230 Range - Specification Sheet



Basic Description

Genvolt introduces the newly developed 71230 model of high voltage power supplies, used as laboratory power supplies. The power supply has a LCD digital voltage reading, adjustable voltage range, highly stable output and low ripple. The unit is available in positive or negative polarity and one or two output connectors depending on customer requirements.

General Specification

	71030	72030	73030
Input voltage	22-26VDC	22-26VDC	22-26VDC
or	85-260VAC	85-260VAC	85-260VAC
Output voltage	0-10kV	0-20kV	0-30kV
Max output current	3.0mA	1.5mA	1.0mA
Output power	30W	30W	30W
Polarity	P/N	P/N	P/N
Ripple	<0.01%	<0.01%	<0.01%
Stability	<0.1%	<0.1%	<0.1%
Temperature coefficient	<100ppm/°C	<100ppm/°C	<100ppm/°C
Efficiency	>75%	>75%	>75%

Mechanical Specification

The power supply is enclosed in a folded steel enclosure. 1.5mm steel with fine texture S88 black paint finish.

Dimensions

Width	200mm
Length	300mm
Height	100mm

Other Features

- 3.5 digital LCD output voltage display.
- Adjustable output voltage from 0-100%

Protection

- Overload, arcing and short circuit.
- Unit enters constant current mode when fault occurs.
- Protection against reverse polarity from power supply.

Safety enable/inhibit input

- Low or unconnected: No HV output.
- High: Enable