

**IPSES S.r.l.**

Scientific  
Electronics



## HiVo: high voltage power supply



**HiVo** is a device especially conceived to furnish an adjustable elevated voltage up to 1.995V. Although it is mainly used to supply photomultipliers, **HiVo** can be employed with any device needing high voltage and low current supply.

**HiVo** can be customized to serve our clients' needs to the best: for this, on request, **HiVo** is available with any supply voltage and positive and/or negative output voltage.

**HiVo** is equipped with a 3,5 digit LCD display showing the output voltage. A 10-turn potentiometer sets the voltage and assures precision and stability.

**Flexibility and customization: solutions with no compromising**





### Technical Specifications

**Input voltage:** 230V<sub>AC</sub> 50/60Hz (other input voltage available on request)

**Output voltage:** adjustable between -320V up to -1.995V or between +320V up to +1.995V

**Output current:** max 2mA

**Output connector:** coaxial high voltage (SHV)

**Ripple Noise:** (peak to peak) less than 0,001%

**Rise time:** (from 0% up to 99%): 150ms (typical)

**Temperature coefficient:** +/- 0,01 %/°C

**Range of operating temperature:** from 0 up to 40 °C (from 32 up to 104°F)

**Range of storage temperature:** from -20 up to +60 °C (from -4 up to 140°F)

**Activation interlock** for the high voltage output switch

**Size:** 200 x 100 x 130 mm (l x h x w) (about 7,9 x 3,9 x 5,1 inch)

**Options:** current output sense. Display indicating also the current.



### Contacts

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