

# High Voltage Module

## HVU-15

HVU-15 is a miniature High Voltage Module that produces regulated high voltage output for a wide input voltage range. Salient features include internal charging resistance and high output voltage stability. The module has high peak pulsed current rating that allows faster charging. High output voltage is available through high voltage co-axial connector. The module is ideally suited to energy storage charge/discharge applications where the stored energy is discharged through low impedance loads.



### Technical Specifications

• Input voltage	: 18-36VDC
• Output voltage	: 15kV
• Internal resistance	: 5 M $\Omega$
• Output Ripple	: 0.1%Vp-p
• Load Regulation	: 0.01%
• Line Regulation	: 0.01%
• Dimensions	: 170 mm (L) $\times$ 70mm (W) $\times$ 60mm (H)

### Environmental Specifications

• Operating Temp. Range	: - 40°C to +65°C
• Storage Temp. Range	: - 55°C to +105°C
• Thermal shock	: - 40°C to +65°C
• Shock	: 20g (Mil-Std-810)
• Vibration	: 10g (Mil-Std-810)



**Tek Xplore** – An ISO 9001: 2015 & ISO 14001: 2015 Certified Company  
*Innovation and Excellence in Electronics and Optronics*

**Office Address:** 403, Lusa Tower, A-2/3 Naniwala Bagh, Azadpur, Delhi-110033 (INDIA)  
**Tel. No.:** +91-11-27672781, +91-11-45200579; **Fax:** +91-11-66173874  
**Website:** [www.tekxplore.com](http://www.tekxplore.com)  
**Email id:** [info@tekxplore.com](mailto:info@tekxplore.com), [support@tekxplore.com](mailto:support@tekxplore.com)