

# Miniature High Voltage Module HVU-10

HVU-10 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 : 10kV
- Internal resistance : 2M $\Omega$
- Output Ripple : 0.1%Vp-p
- Load Regulation : 0.01%
- Line Regulation : 0.01%
- Dimensions : 175 mm (L) x75mm (W) x85mm (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)



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