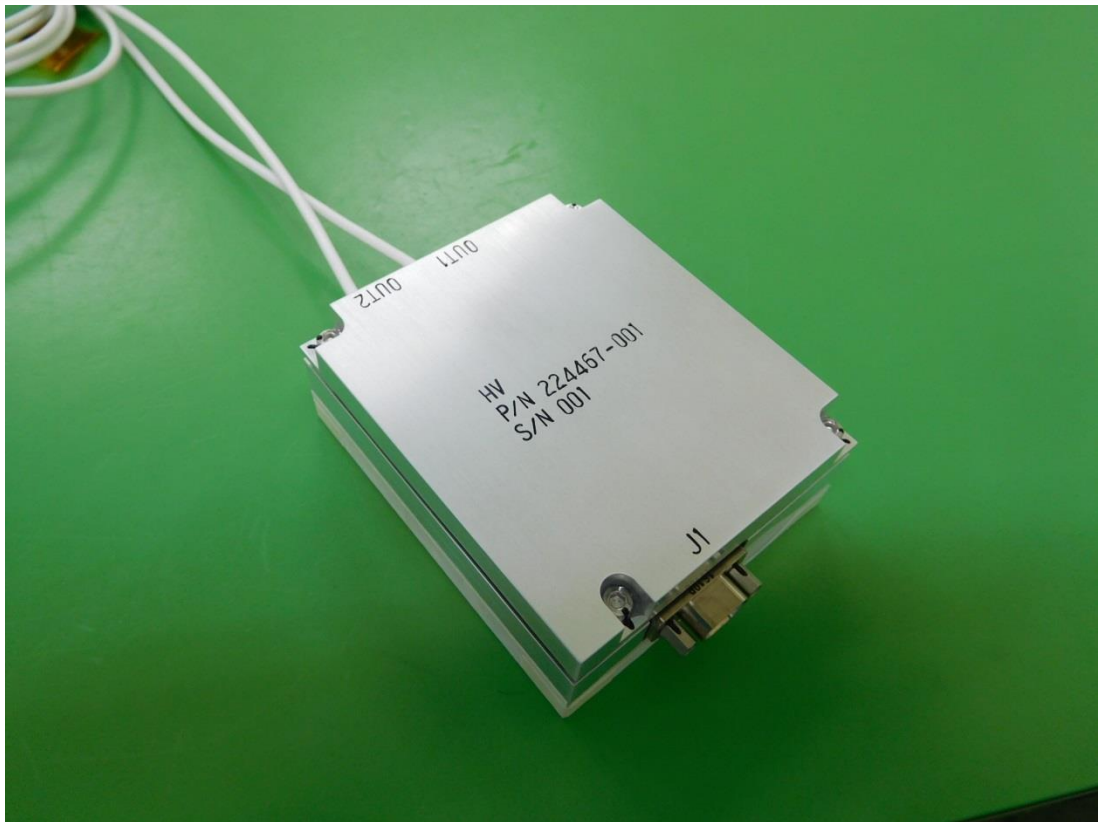


# High Voltage Power Supply for Satellite



## Outline

This instrument is a HVPS (high voltage power supply) to be installed on scientific satellite for supplying voltage to detectors in the space environment. It can be output up to 0 to +5000 V / -5000 to 0 V with reference voltage(analog or digital).

## Features

- **Flight proven**
- Lower cost using COTS parts
- Vibration and shock resistant for space
- Up to 5kV with a fixed HVPS and sweeping HVPS
- ITAR free
- RoHS nonconformity
- Made in Japan

# SPECIFICATIONS

Items	Performance
Output voltage range	0 to +5000 V / -5000 to 0 V
Max output current	< 100 $\mu$ A
Output ripple voltage	< 100 mVp-p
Input voltage range	+11.5 to +13.0 V (DC)/-11.5 to -13.0 V (DC)
Reference voltage range	0 to 5 V
Monitor output voltage range	0 to 5 V
Output current	< 0.5 W ( I x V ),(V: output voltage)
Dimensions	116 x 61 x 17 mm (flange and screw not included)
Lead time	About 9 months after receiving orders.
Flight heritage	ISS, Exposed Facility (MAXI) Lunar explorer, SELENE/KAGUYA



Sweeping HVPS (+5000V)  
We can also make sweeping type.

## Caution

- For safe and correct usage, please read the "Operation Manual" prior to the use of the products.
- Specifications and designs are subject to change without notice.
- Specifications and designs are based on the standard model. Please contact us regarding further customization to suit your project's needs.
- This products may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan. Customer agrees to comply with such regulations and acknowledges that it is their responsibility to obtain any required licenses to export, re-export, or import this products.
- We shall not be liable for any damages arising out of or in connection with the use of specifications herein, including liability for lost profit, business interruption, or any other damages whatsoever.
- The color of the product photography on catalog might be different from that of actual product because of printing.

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