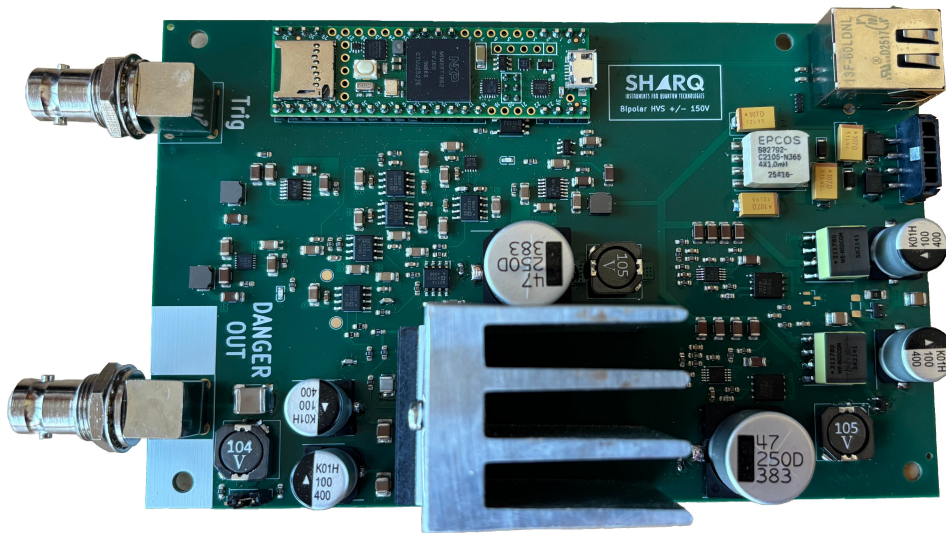


BHVS-150-OEM

Ultralow noise bipolar high voltage source



Key characteristics:

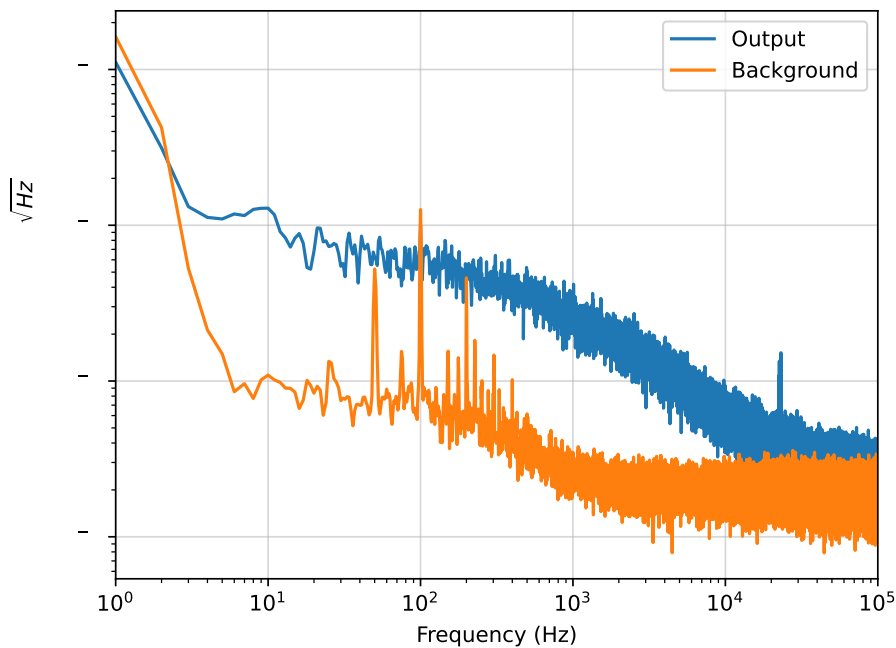
- Output: $\pm 150\text{ V} / \pm 10\text{ mA}$
- Ultralow voltage noise (typ. $120\ \mu\text{V}$)
- 16 bit digital setpoint
- Various output waveforms, programmable via ethernet
- Analog trigger input
- Benchtop version available
- Higher voltage and higher current versions available on request



Specifications

| Performance | | | | | | |
|---------------------|------|-----|-----|------------------|------------------|--|
| Parameter | Min | Typ | Max | Unit | Notes | |
| Output voltage | -150 | | 150 | V | | |
| Max. output current | | | 10 | mA | | |
| Resolution | | | 16 | bit | | |
| Output noise | | 120 | | μVrms | 0.7 Hz – 100 kHz | |

| Geometry and connectivity | |
|---------------------------|------------------------|
| Parameter | Value |
| Size | 150 mm × 95 mm |
| Weight | < 0.2 kg |
| Digital control interface | Ethernet / RJ45, TCPIP |
| Power input | +12 VDC |



Output noise spectrum

