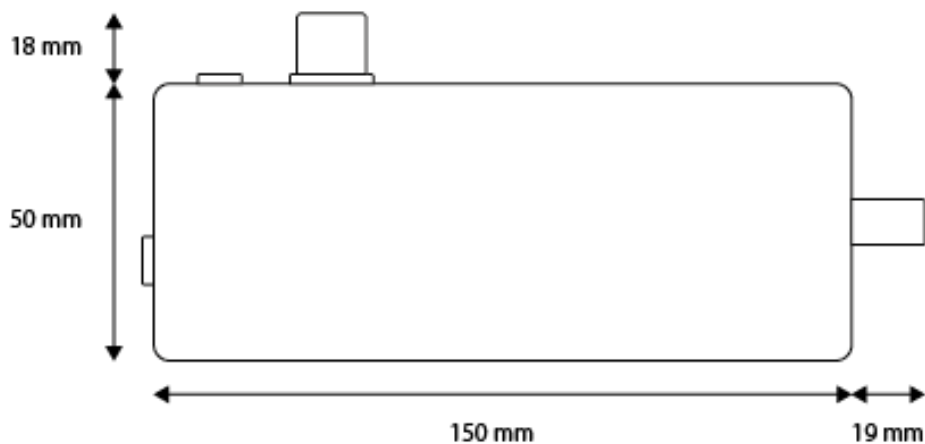


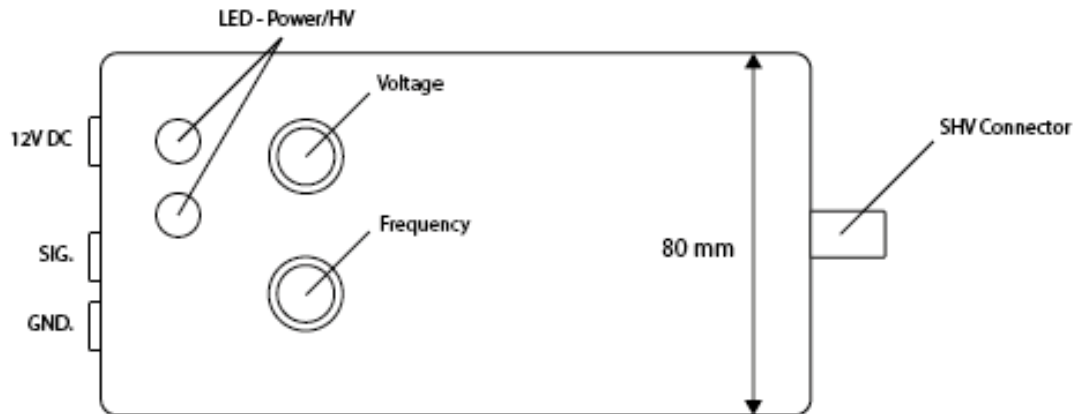
High Voltage Converter (017A0002)

The high voltage converter is designed, as a simple low-cost charge and discharge circuit. It includes external control signal input and a standard SHV high voltage connector. The HV converter is ideal for demonstrating EAP actuators, and can easily control the voltage and frequency output needed. Customization can be done for increasing voltage and changing frequency range. Also, high voltage output monitoring is available as an option.



Dimensions (mm)





Specifications

Parameter	Value	Unit
Power (DC)	12	V
Maximum voltage	2500	V
Frequency*	1 to 10	Hz

*frequency control – the maximum determined by the size of the actuator.

Do not open the box without consulting LEAP, there are no user serviceable parts inside. Please contact us for customisation queries.



LEAP Technology's High Voltage Converter is a high voltage device capable of charging capacitive elements with significant amounts of electrical energy. This device should be operated by qualified personnel only. Always take appropriate precautions before using, including the use of appropriate Personal Protective Equipment. Always carry out a risk assessment before using it. LEAP Technology cannot be held responsible for misuse of the High Voltage Converter, or for failure of the operator to take appropriate precautions.