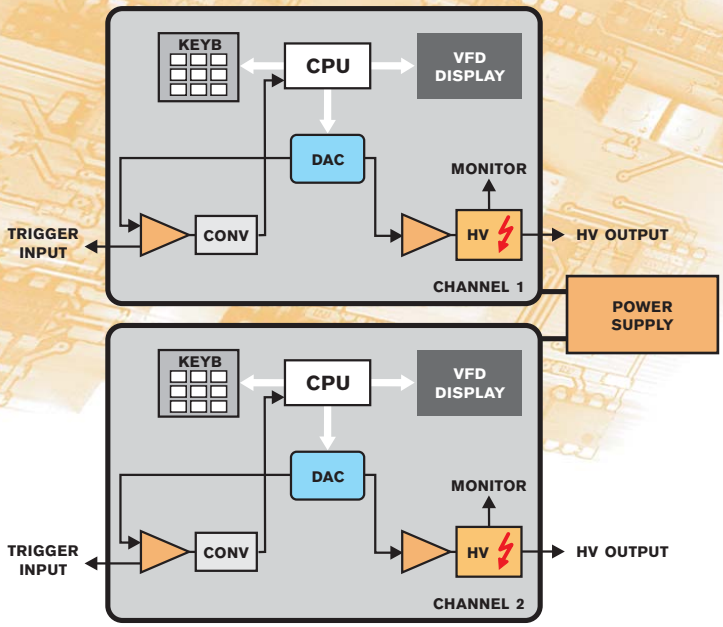
Two-Channel High Voltage Power Supply
Model **HVG 2000**



Parameters

Output voltage	0 to –2000 V	(channel A)
	0 to +5000 V	(channel B)
Output connectors	HV BNC	
Max ramp up time	9999 s	(SLOW regime)
Max ramp down time	9999 s	(SLOW regime)
Length of HV pulse	1 to 255 ms	(PULSE regime)
Resolution in length of pulse length	1 ms	(PULSE regime)
Delay from trigger signal	1 to 255 ms	(PULSE regime)
Resolution in delay from trigger signal	1 ms	(PULSE regime)
Trigger	manual/external	
Trigger level	0 to 40 V	
Resolution in trigger level	1 V	
Power	230 VAC	
Dimmensions	19" × 2U × 250 mm	
	(483 × 88.1 × 250 mm)	
Weight	5 kg	

HVG 2000 is a two-channel high voltage power supply. Although primarily designed for MCP detectors, its application is much broader in the field of low output current powering. This device operates in two regimes: the SLOW regime allows to generate long time ramp up (or ramp down) of output high voltage; the PULSE regime generates single high voltage output pulse. Each channel of HVG 2000 is controlled by a 6-key board. The data are displayed on a 2 × 16 character VFD display. A standard 2U-RACK is used as a housing.