

HV Linear Amplifiers

200/450/900/1500Vpp



Applications:

Electro Optical Modulators (EOM), MEMS devices, piezo (PZT) positioning systems, beam steering, ultrasonics.

Type	HVAB-0.2-0.4A	HVAB-0.45-0.4A	HVAB-0.9-0.2A	HVAB-1.5-0.1A
Output voltage	+/-100V	+/-225V	+/- 450V	+/- 750V
Output current	+/.700mA	+/- 400mA	+/- 200mA	+/- 100mA
Bandwidth/3dB (large signal)	DC-10MHz @10pF, DC- 3,5MHz @100pF	DC-1MHz @20pF, DC-600kHz @100pF	DC-500kHz @20pF, DC- 300kHz @100pF	DC-200kHz @20pF, DC- 150kHz @100pF
Gain	100	100	100	200
Slew rate	4kV/us @ 10pF	2kV/us @ 20pF	2kV/us @ 20pF	1kV/us @ 20pF
Ripple or noise	0,2Vpp	1Vpp	1Vpp	2Vpp
HV-Monitor	+/-1,0V	+/-2,25V	+/-4,5V	+/-3,75V
Monitoring	°C, OCP, UVLO			
Supply voltage	DC 24V+20%/-10%			
Cooling	Contact with external cooling plate, optional direct by water			
Dimensions	180x90x40mm ³			

Customer specific solutions.