

HIGH VLOTAGE AMPLIFIER SELECTION GUIDE (~800Vp-p OUTPUT)

MODEL	PINTEK HA-800	PINTEK HA-805	AVTECH AV-110J	FLC A800	FLC A-800D	NANONIS HVA-4	AA LAB A-304
Output Voltage	± 400V	± 400V	± 400V	± 400V	± 400V	± 400V	± 400V
Output Current	35mA	100mA	40mA	60mA	60mA x 2	20mA x 4	100mA
Max. Loading R	≥ 11KΩ	≥ 4KΩ	≥ 10KΩ	≥ 7KΩ	≥ 7KΩ	≥ 20KΩ	≥ 4KΩ
Bard width	DC-200KHz (400Vp-p)	DC-300KHz (400Vp-p)	DC-50KHz (400Vp-p)	DC-200KHz (100V/5KΩ)	DC-200KHz (100V/5KΩ)	DC-2KHz	DC-3000KHz (≤100V/1KΩ)
OFFSET	0~ ±400V	0~ ±400V	(option : ±100V) USD471	---	---	---	0~ ±320V
Voltage Gain	1~180	1~180	1~200	100X FIX	100X FIX	1/4/15/40	40X (option 1~100)
Output resistance (Protection On)	~ 100Ω (15KΩ/40 watt)	~ 100Ω (7.5KΩ/80 watt)	~ 100Ω ----	~ 100Ω ----	~ 100Ω ----	~200Ω ----	~ 100Ω ----
Slew Rate	200V/uS	300V/uS		250V/uS	250V/uS		
Output Power	28 Wp-p	80 Wp-p	32 Wp-p	48 Wp-p	48 Wp-p X 2	Total 64Wp-p	80 Wp-p
Input Range	0~20Vp-p	0~20Vp-p	0~±2V	0~20Vp-p	0~20Vp-p	0~20Vp-p	0~±12V
Monitor output	100 : 1	100 : 1	----	----	----	----	----
CHANNEL	1	1	1/option B USD 3794	1	2	4	1
PRICE USD (FOB Taiwan)	USD 2500.	USD 3200.	USD 6498				

NOTE : All the above data are from the internet information on 2010/01/07

If any change, please refer to the manufacture's announcement.