

HIGH VLOTAGE AMPLIFIER SELECTION GUIDE (~400Vp-p OUTPUT)

MODEL	PINTEK HA-400	PINTEK HA-405	AVTECH AV-110B	AVTECH AV-110G	Falco Systems WMA-280	FLC A400	TEGAM 2340	AA LAB A-303
Output Voltage	± 200V	± 200V	± 200V	± 200V	± 150V	± 200V	± 200V	± 200V
Output Current	80mA	200mA	4mA	4mA	300mA	150mA	40mA	200mA
Max. Load R	≥ 2.5KΩ	≥ 1KΩ	≥ 50KΩ	≥ 50KΩ	≥ 0.5KΩ	≥ 1.4KΩ	≥ 5KΩ	≥ 1KΩ
Band width	DC-600KHz (200Vp-p)	DC-1MHz (200Vp-p)	DC-100KHz (200Vp-p)	DC-350KHz (200Vp-p)	DC-100KHz (200Vp-p)	DC-1MHz (100Vp-p)	DC-2MHz (50Vp-p)	DC-450KHz (≤200V/1KΩ)
OFFSET	±200V	±200V	(option : ±50V) USD : 471	(option : ±50V) USD : 471	---	---	---	± 8V
Voltage Gain	1~90	1~90	1~100	1~100	20X FIX	20X FIX	50X or (10~100)	20X (option:50X)
Output resistance (Protection on)	~ 50Ω (4KΩ/40 watt)	~ 50Ω (2KΩ/80 watt)	~ 50Ω ----	~ 50Ω ----	~ 50Ω ----	~ 50Ω ----	~ 50Ω ----	~ 50Ω ----
Slew Rate	300V/uS	500V/uS				300V/uS	250V/uS	
Output Power	32 Wp-p	80 Wp-p	1.6 Wp-p	1.6 Wp-p	90 Wp-p	60 Wp-p	16 Wp-p	80 Wp-p
Input Range	0~20Vp-p	0~20Vp-p	0~±2V	0~±2V	0~20Vp-p	0~20Vp-p	0~20Vp-p	0~±12V
Monitor output	100 : 1	100 : 1	----	----	----	----	200 : 1	----
CHANNEL	1	1	1/option B USD3794	1/option B USD471	1	1	1	
PRICE USD (FOB Taiwan)	USD2150.	USD2850.	USD6498	USD6498	EUR1490			

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

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