

# **PINTEK**

## High Voltage Amplifier

★ High Power Model!

### HA-305

- 300Vp-p( $\pm 150V$  DC)
- 600mA<sub>p-p</sub>( $\pm 300mA$  DC)
- Bandwidth:  $\leq 100KHz$ (150Vp-p)
- Slew Rate: 50V/us
- Gain(AMPL): 0~60(10 Turn VR)
- DC Offset:  $\leq 0 \sim \pm 150V$ (10 Turn VR+SW)
- Output Resistor: 10 $\Omega$
- Microprocess Control Protection



### HA-405

- 400Vp-p( $\pm 200V$  DC)
- 400mA<sub>p-p</sub>( $\pm 200mA$  DC)
- Bandwidth:  $\leq 1MHz$ (200Vp-p)
- Slew Rate: 500V/us
- Gain(AMPL): 0~90(10 Turn VR)
- DC Offset:  $\leq 0 \sim \pm 200V$ (10 Turn VR+SW)
- Output Resistor: 50 $\Omega$
- Microprocess Control Protection

### HA-805

- 800Vp-p( $\pm 400V$  DC)
- 200mA<sub>p-p</sub>( $\pm 100mA$  DC)
- Bandwidth:  $\leq 300KHz$ (400Vp-p)
- Slew Rate: 300V/us
- Gain(AMPL): 0~180(10 Turn VR)
- DC Offset:  $\leq 0 \sim \pm 400V$ (10 Turn VR+SW)
- Output Resistor: 100 $\Omega$
- Microprocess Control Protection



BP-253N



BP-250

CE

Pintek Electronics Co., Ltd  
www.pintek.com.tw

# HA-305/405/805 High Voltage Amplifier

(High Power Model  $\geq 80VA$ )

## ● SPECIFICATIONS:

FUNCTION / MODEL	HA-305	HA-405	HA-805
Output Voltage(DC/AC)	$\pm 150V(300Vp-p)$	$\pm 200V(400Vp-p)$	$\pm 400V(800Vp-p)$
Output Current(DC/AC)	$\pm 300mA/600mA_{p-p}$	$\pm 200mA/400mA_{p-p}$	$\pm 100mA/200mA_{p-p}$
Output Power(AC Peak)	90 VA	80 VA	80 VA
Bandwidth(-3dB)	100KHz(150Vp-p)	1MHz(200Vp-p)	300KHz(400Vp-p)
Slew Rate	50V/us	500V/us	300V/us
DC Offset Range	0 ~ $\pm 150V$	0 ~ $\pm 200V$	0 ~ $\pm 400V$
Gain(Voltage)	0 ~ 60	0 ~ 90	0 ~ 180
Output Resistor	10 $\Omega$	50 $\Omega$	100 $\Omega$
Protec Resistor	500 $\Omega/80Watt$	2K $\Omega/80Watt$	7.5K $\Omega/80Watt$
Safe Loading	$\geq 500\Omega$ at 300Vp-p	$\geq 1K\Omega$ at 400Vp-p	$\geq 4K\Omega$ at 800Vp-p
AMPL. Control	10 Turn VR		
Offset Control	Switch + 10 Turn VR		
Monitor Output	Fix 100:1(-40dB) for Oscilloscope 1M Impedance		
Input Range	0~ $\pm 10V$ or 20Vp-p, 10K $\Omega$ Impedance.		
Dimensions/Weight	230(W)x170(H)x310(D)mm/ 5.0Kgs.		
Power Source/Fuse	90~240V AC, 50/60 Hz/ 3A		
Output Protection	1. Fuse 2. Protection Resistor 3. Microprocess Control		

## ● ACCESSORIES:



## ● APPLICATION(應用說明):

- Function Generator Amplifier  
函數波形產生器波幅放大
- High Voltage Power Supply  
高壓電源供應器
- Semiconductor High Voltage Driver  
半導體高壓驅動
- TFT Field High Voltage Driver  
TFT產業高壓驅動
- High Voltage Engineering / 各種高壓工程
- MEMS Engineering / 微機電工程
- Nano Technology / 奈米科技
- PZT Driver / 壓電材料驅動
- Static Charge Engineering / 靜電科技工程
- Biomedical Engineering / 生醫檢測工程

# PINTEK

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SALES AGENT

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