



SINOCERA



Global Sensor  
Technology

## Power Amplifier (200W)

Model: YE5872A

### FEATURES

- Indicator for voltage and current output
- Indicator for output signal
- Output current can be adjusted from 2A to 10A
- Hot protect for output transistor
- Indicator for output transistor invalidation
- Constant current and constant voltage output method
- For vibration test to drive JZK-20 modal shaker



### SUPPLIED WITH

- Calibration chart

### Technical Specifications:

<b>Input</b>	
Input impedance	$\geq 10k\Omega$
<b>Output</b>	
Rated power output	200VArms
Rated voltage output	14Vrms
Rated current output	15Arms
Non-linearity distortion	<1%
Signal / Noise rate	Constant Voltage $\geq 70dB$ ; Constant Current $\geq 60dB$
Indicator meter Tolerance	$< \pm 8\%$
<b>Environmental Characteristics</b>	
Temperature	Operating: $0^{\circ}C$ to $70^{\circ}C$ ; Storage: $-55^{\circ}C$ to $85^{\circ}C$
Moisture	Maximum 90%R.H.
<b>Frequency Characteristics</b>	
Frequency Range (Hz)	DC input 0 to 15kHz $\pm 0.5dB$ ; AC input 20 to 50kHz $\pm 1dB$ Full power 5-10kHz, half power 0-50kHz
Current output limited	3-15Arms (modifiable)
Temperature limit of transistor	$\leq 85^{\circ}C \pm 5^{\circ}C$
<b>Physical characteristics</b>	
Dimensions	400mm(W) 166mm (H) 320mm (D)
Weight	About 15Kg
<b>Gain</b>	
Constant voltage type	5V/V $\pm 2dB$ (1kHz)
Constant current type	8A/V $\pm 2dB$ (1kHz)
<b>Power Supply</b>	
Power source	AC220V (+5% ~ -10%) 50Hz 3A
<b>Accessories</b>	
Input cable	One 2m double-BNC cable
Output cable	One 4-core cable
Power supply cable	One AC supply cable
Fuse	Four 5A ( $\Phi 6mm \times 30mm$ )