



SINOCERA



Global Sensor
Technology

Power Amplifier (100W)

Model: YE5871A

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
- For vibration test to drive JZK-10 modal shaker



SUPPLIED WITH

- Calibration chart

Technical Specifications:

Input	
Input impedance	$\geq 10k\Omega$
Output	
Rated power output	100VArms
Rated voltage output	10Vrms
Rated current output	10Arms
Non-linearity distortion	<1%
Signal / Noise rate	Constant Voltage $\geq 70dB$; Constant Current $\geq 60dB$
Indicator meter Tolerance	$< \pm 8\%$
Environmental Characteristics	
Temperature	Operating: $0^{\circ}C$ to $70^{\circ}C$; Storage: $-55^{\circ}C$ to $85^{\circ}C$
Moisture	Maximum 90%R.H.
Frequency Characteristics	
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	2-10Arms (modifiable)
Temperature limit of transistor	$\leq 85^{\circ}C \pm 5^{\circ}C$
Physical characteristics	
Dimensions	400mm (W) 144mm (H) 240mm (D)
Weight	About 10.5Kg
Gain	
Constant voltage type	5V/V $\pm 2dB$ (1kHz)
Constant current type	8A/V $\pm 2dB$ (1kHz)
Power Supply	
Power source	AC220V(+5%~-10%)50Hz 2A
Accessories	
Input cable	One 2m double-BNC cable
Output cable	One 4-core cable
Power supply cable	One AC supply cable
Fuse	Four 5A ($\Phi 6mm \times 30mm$)