

Power Amplifier (500W)

Model: YE5873A

- Indicator for voltage and current output
- Indicator for output signal
- Output current can be adjusted from 2A to 25A
- 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 or more.



Specifications:

Input	
Input impedance	$\geq 10k\Omega$
Output	
Rated power output	500VArms
Rated voltage output	20Vrms
Rated current output	25Arms
Non-linearity distortion	$< 1\%$
Signal / Noise rate	Constant Voltage $\geq 70\text{dB}$; Constant Current $\geq 60\text{dB}$
Indicator meter Tolerance	$< \pm 8\%$
Environmental Characteristics	
Temperature	Operating: 0°C to 70°C ; Storage: -55°C to 85°C
Moisture	Maximum 90%R.H.
Frequency Characteristics	
Frequency Range (Hz)	DC input 0 to $15\text{kHz} \pm 0.5\text{dB}$; AC input 20 to $50\text{kHz} \pm 1\text{dB}$ Full power 5-10kHz, half power 0-50kHz
PROTECT	
Current output limited	5-25Arms (modifiable)
Hot limit of transistor	$\leq 85^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Physical characteristics	
Dimensions	400mm (W) $\times$ 166mm (H) $\times$ 480mm (D)
Weight	About 25Kg
Gain	
Constant voltage type	7V/V $\pm 2\text{dB}$ (1kHz)
Constant current type	16A/V $\pm 2\text{dB}$ (1kHz)
Power Supply	
Power source	AC220V(+5%~-10%)50Hz 6A
Accessories	
Input cable	One 2m double-BNC cable
Output cable	One 4-core cable
Power supply cable	One AC supply cable
Fuse	Four 5A($\Phi 6\text{mm} \times 30\text{mm}$)