

Power Amplifier (100W)

Model: YE5871A

Features:

- Small size, light weight, compact structure
- LCD display output voltage, current
- Adjustable 1A-6A output current limit function
- Applied for large power source for shaker in vibration test and research
- Integrated with signal generator or connect to external signal



Specifications:

Rated output power	100VArms
Rated output voltage	10Vrms
Rated output current	10Arms
Frequency range	5Hz to 10kHz for full power output at 1Ω loading 0 to 50kHz for half power output
Frequency response	0 to 15kHz (±0.5dB) for DC input at voltage mode 0 to 50kHz (±1dB) for DC input at voltage mode 20Hz to 50kHz (±1dB) for AC input at voltage mode
Amplification gain	Voltage mode: 5V/V(±2dB); Current Mode: 8A/V(±2dB);
Input impedance	≥10kΩ
Non-linearity distortion	<1%
Indication meter accuracy	<±8%
Current output limit	2 to 5Arms(adjustable)
Transistor temperature limit	85°C±5°C
Output Clipping Indicator	LED
Output offset	<25mV
Signal to noise ratio	Voltage mode: ≥70dB; Current Mode: ≥60dB
Output gain	40±1dB (1kHz)
Gain control	0-Max. continuously adjustable
Attenuator	0-40dB at 10dB Per Step
Power Supply	220V±10% at 50Hz
Dimensions	400mm(H)×144mm(W)×140mm(D)
Weight:	approx. 10.5kg.
Operation temperature range	0°C to 70°C;
Storage temperature range	-55°C to 85°C
Maximum humidity	90% R.H.