

# Power Amplifier (1500W)

Model: YE5878

- Indicator for voltage and current output
- Indicator for output signal
- Output current can be adjusted from 5A to 38A
- Hot protect for output transistor
- Indicator for output transistor invalidation
- Constant current and constant voltage output method
- For vibration test to drive JZK-100 modal shaker



## Specifications:

|                                      |                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Input</b>                         |                                                                                                                 |
| Input impedance                      | $\geq 10k\Omega$                                                                                                |
| <b>Output</b>                        |                                                                                                                 |
| Rated power output                   | 1500VArms                                                                                                       |
| Rated voltage output                 | 37.5Vrms                                                                                                        |
| Rated current output                 | 40Arms                                                                                                          |
| Non-linearity distortion             | $< 0.5\%$ (DC-10kHz)                                                                                            |
| Signal / Noise rate                  | $\geq 90\text{dB}$                                                                                              |
| Indicator meter Tolerance            | $< \pm 8\%$                                                                                                     |
| <b>Environmental Characteristics</b> |                                                                                                                 |
| Temperature                          | Operating: $0^{\circ}\text{C}$ to $70^{\circ}\text{C}$ ; Storage: $-55^{\circ}\text{C}$ to $85^{\circ}\text{C}$ |
| Moisture                             | Maximum 90%R.H.                                                                                                 |
| <b>Frequency Characteristics</b>     |                                                                                                                 |
| Frequency Range (Hz)                 | DC input 0 to 10kHz $\pm 0.5\text{dB}$ ;<br>Full power 10-5kHz, half power 0-10kHz                              |
| <b>PROTECT</b>                       |                                                                                                                 |
| Current output limited               | 5-38Arms (modifiable)                                                                                           |
| Hot limit of transistor              | $\leq 85^{\circ}\text{C} \pm 5^{\circ}\text{C}$                                                                 |
| <b>Physical characteristics</b>      |                                                                                                                 |
| Dimensions                           | 484.5mm (W) $\times$ 500mm (H) $\times$ 500mm (D)                                                               |
| Weight                               | About 65Kg                                                                                                      |
| <b>Gain</b>                          |                                                                                                                 |
| Constant voltage type                | 8V/V $\pm 2\text{dB}$ (100Hz)                                                                                   |
| <b>Power Supply</b>                  |                                                                                                                 |
| Power source                         | AC220V(+5%~-10%)50Hz 20A                                                                                        |
| <b>Accessories</b>                   |                                                                                                                 |
| Input cable                          | One 2m double-BNC cable                                                                                         |
| Output cable                         | One 4-core cable                                                                                                |
| Power supply cable                   | One AC supply cable                                                                                             |