LINEAR POWER
SHAKER AMPLIFIER

DynaLabs

DYN-SA-500

The Type SA 500 power amplifier has been developed for the purposes of controlling vibration test machines of up to 500 VA.

The continuous sine output power is based upon a load impedance of 4 Ohm with a 500 VA. The amplifier operates within a voltage of 230V ±5% . It has a usable frequency range of 40 Hz to 60 kHz at full power or from DC to 200 kHz at reduced power with the lowest distortion factor. The amplifier is not short-circuit proof. The power amplifier is extremely stable and reliable when operated within the temperature and mains voltage ranges specified. The maximum output current is fully adjustable. The power amplifier is extremely stable and reliable when operated within the temperature and mains voltage ranges specified.

Current Mode	Yes
Voltage Mode	Yes
Phase Shift	Yes
Continuous Sine Output Power	500 VA
Supply Voltage	110/230V +-5%
Frequency Range	DC… 60 kHz DC - 200 kHz (-20dB)
Output Voltage max	45 V RMS
Output Current max	5 A DC 9 A RMS 0,1 Hz… 20 Hz 11 A RMS 20 Hz… 20 kHz 9 A RMS 20 Hz… 40 kHz 8 A RMS 40 kHz… 60 kHz
Input Voltage	< 5 V
Input Impedance	> 10 kOhm
Amplifier Weight	11.5 kg
Amplifier Dimensions	300 x 440 x 90 mm
Monitor Output	Voltage Monitor 0.1 V/V ±3% Current Monitor 0.1 V/A ±3%
Output current DC	5 A
Noise and Hum	> 90 dB

DYNALABS MUHENDISLIK LTD STI
Ostim OSB Mah. 100 Yıl Bulvarı Ostim No:55B/11 Yenimahalle 06374 Ankara TURKEY
Phone: **+90 312 386 21 89**
Mail: **dynalabs@dynalabs.com.tr**
Web: **www.dynalabs.com.tr**