

High power | E81.A1K-I Piezo Amplifier



Introduction

E81.A1K-I piezo amplifier is designed for high power application, and has one output channel, its output voltage can be up to 200V and ave.current up to 5.4A.

Characteristics >>

- High power output
- Output voltage to 200V
- Analog signal control
- Bandwidth to 5kHz

Applications >>

- Suitable for high power
- High frequency application
- Driving piezo stack, piezo actuator
- Piezo transducer, etc.



Harbin Core Tomorrow Science & Technology Co., Ltd.

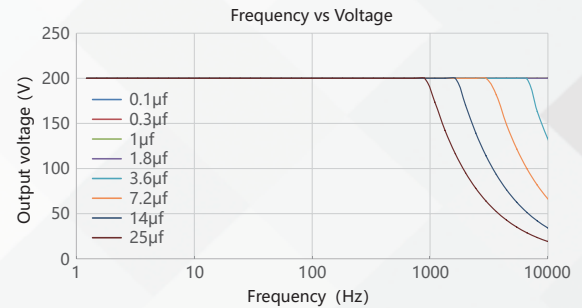
Tel: +86-451-86268790 Email: info@coremorrow.com
Fax: +86-451-86267847 Web: www.coremorrow.com

Headquarters: Building I2, No.191 Xuefu Road, Nangang District, Harbin
Shanghai Office: Building 2, No.608 Shengxia Road, Pudong District, Shanghai

Technical Data >>

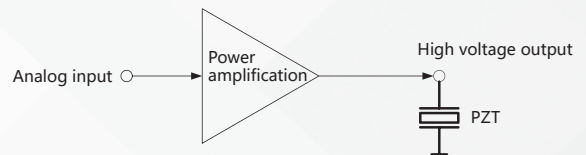
Type	E81.A1K-I	Units
Input voltage range	-1.33~10	V
Output voltage range	0~200	V
Peak current	>20	A
Ave. current	5.4 (±10%)	A
Gain	20	
Bandwidth	5	kHz
Ripple	20(@2.2μF)	mVpp
Operating temperature	0~50	°C
Output short-circuited current	60	mA
PZT connector	EGG.2B.302.CLL	
Analog input connector	BNC-50KY female	
Power interface	IPZ-4	
Power supply	220VAC	
Static power	<55	W
Input power	1480	W
Size (L×H×D)	449×325×266.8	mm

Curves >>

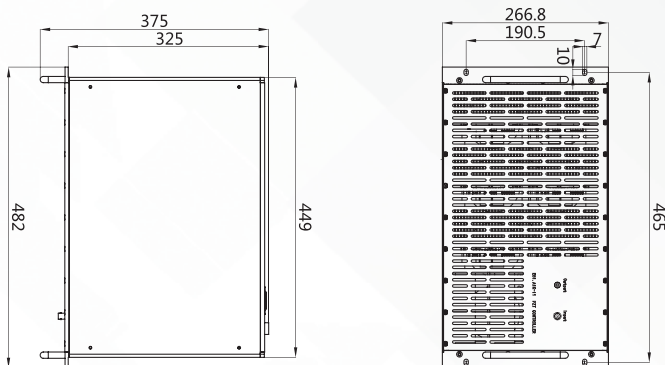


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

Driving Principle >>



Drawing >>



Harbin Core Tomorrow Science & Technology Co., Ltd.

Tel: +86-451-86268790

Email: info@coremorrow.com

Headquarters: Building I2, No.191 Xuefu Road, Nangang District, Harbin

Fax: +86-451-86267847

Web: www.coremorrow.com

Shanghai Office: Building 2, No.608 Shengxia Road, Pudong District, Shanghai