

2 Channels | E80.A2K Piezo Amplifier



Introduction

E80.A2K piezo controller is an open-loop, dual-channel output piezo amplifier, its output voltage can reach $-300V \sim +300V$, and the bandwidth can reach 1kHz.

Characteristics >>

- Open loop, dual channel output
- Output voltage $-300V \sim +300V$
- Bandwidth up to 1kHz
- Peak current up to 500mA

Applications >>

- Driving piezo actuator
- Driving piezo nanopositioning stage
- Driving piezo objective scanner
- Driving piezo shifter
- Driving FTS fast tool positioner
- Driving piezo scanning platform
- Driving capacitive load



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

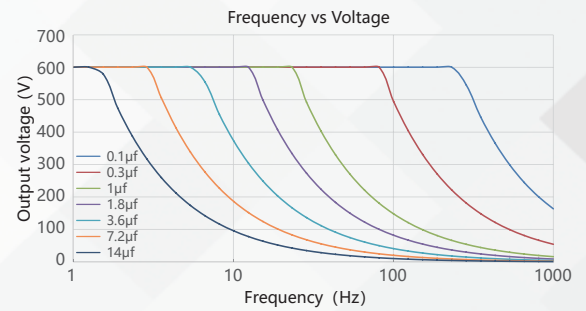
Web: www.coremorrow.com

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

Technical Data >>

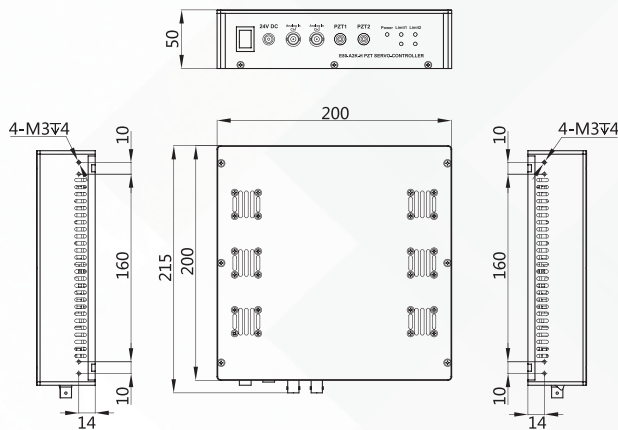
Type	E80.A2K	Units
Channels	2	
Nominal input voltage	-5~+5	V
Nominal output voltage	-300~+300	V
Peak current	500/channel	mA
Average current	15/channel	mA
Average power	9/channel	W
Amplifier bandwidth	1000/channel	Hz
Output ripple voltage	200/channel	mVpp
Operating temperature	-25~65	°C
Power supply	28V/5A	
Power interface	DC-022B (Ø2.5)	
Analog input connector	BNC-50KY	
PZT output connector	ERA.0S.116.CTL	
Size	200×200×50	mm

Curves >>

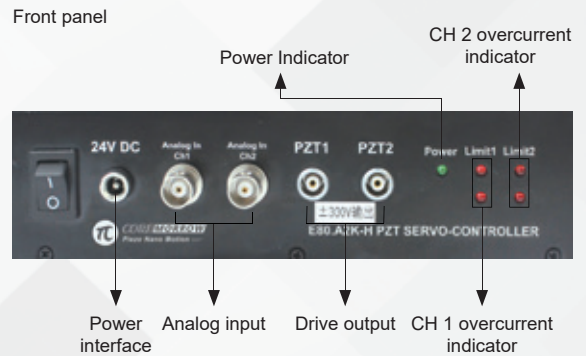


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

Drawing >>



Panel Introduction >>



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