

1 Channel | XE-650.OW

Piezo Amplifier



Introduction

XE-650.OW piezoelectric amplifier is a small-volume single channel piezo driver with spontaneous waveform function and open-loop control.

Characteristics >>

- 1 channel
- Small size
- Output -20~120V
- Open-loop control

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.

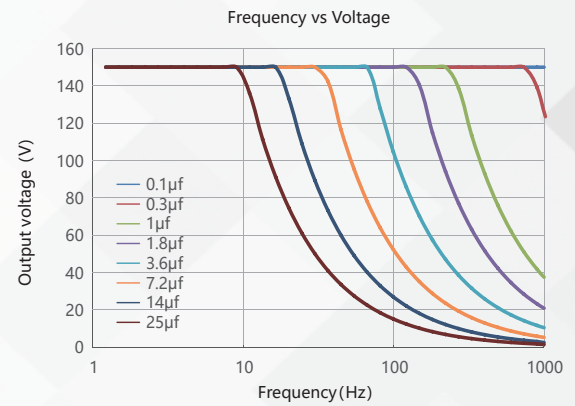
Tel: +86-451-86268790 Email: info@coremorrow.com
Fax: +86-451-86267847 Web: www.coremorrow.com

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

Technical Data >>

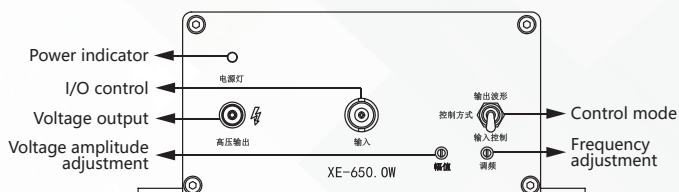
Type	XE-650.OW
Functions	Spontaneous waveform open-loop controller
Output channels	1
Control analog input(V)	I/O control, 0 or 5
Output voltage range(V)	-20~120(or -20~150) (sine wave / square wave or triangle wave)
Peak current(mA)	150
Ave. current(mA)	50
Bandwidth(kHz)	1
Output ripple(mVpp)	20
PZT output connector	ERA.00.250.CLL
Analog input connector	BNC-50KY female
Control mode	I/O control
Sensor connector	ERA.05.304.CLL
Sensor monitoring connector	BNC-50KY female
Operating temperature(° C)	0~50
Size(mm)	L147×W61×D141
Mass(kg)	1.2
Power supply	220VAC 50Hz±10%

Curves >>

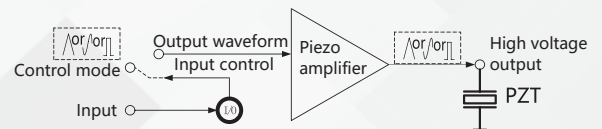


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

Panel Introduction >>



Driving Principle >>



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