

# 36 Channels | E01.A36

## Piezo Amplifier



### Introduction

E01.A36 piezo amplifier is a 36-channel power amplifier, its peak current is up to 1A, and bandwidth up to 10kHz.

#### Characteristics >>

- Modular, 36 channels output
- Ave.current to 30mA/channel
- Peak current to 1A/channel
- Bandwidth to 10kHz

#### 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



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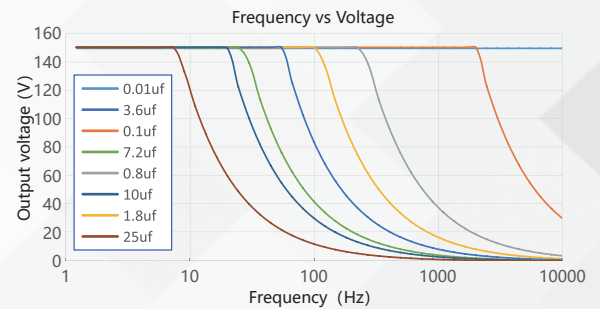
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## Technical Data >>

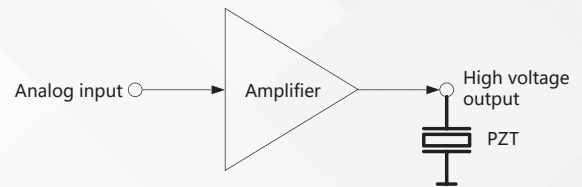
Type	E01.A36	Units
Channels	36	
Analog input	-1.33~10	V
Output voltage	-20~150	V
Peak current	1/channel	A
Ave.current	30/channel	mA
Bandwidth	10K/channel	Hz
Output ripple	20/channel, effective value	mVpp
Operating temperature	0~50	°C
Power supply	220VAC	
Voltage output connector	LEMO	
Size	370×177×320 (4U)	mm
Mass	10	kg

## Curves >>

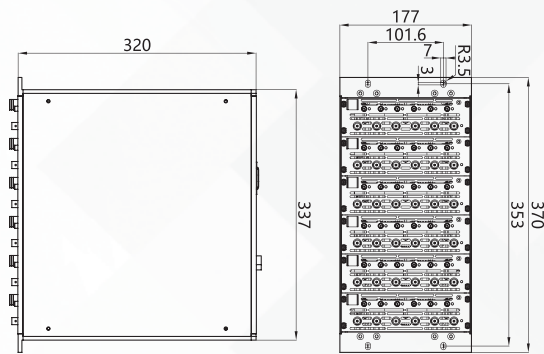


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

## Principle >>

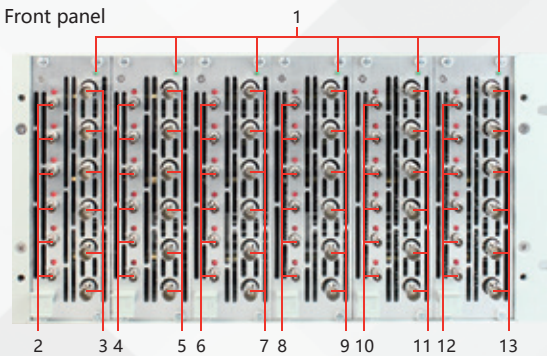


## Drawing >>



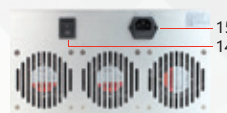
## Panel Introduction >>

Front panel



No.	Functions	Types
1	Power indicator	LED
2, 4, 6, 8, 10, 12	PZT, voltage output	EPL.00S.250. HLN
3, 5, 7, 9, 11, 13	A <sub>in</sub> , analog input	BNC

Rear panel



No.	Functions	Types
14	Power switch	KCD2
15	AC220V, fuse socket	IPZ-4



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