

# 6 Channels | E81.C6K-H Piezo Controller



## Introduction

E81.C6K-H piezo controller is a digital controller with 6 outputs that can drive 6 piezo actuators at the same time, and its baud rate is up to 5250000Baud.

### Characteristics >>

- 6 Channels
- Nominal output voltage -20~120V
- Digital controller

### Applications >>

- Suitable for high power
- High frequency application
- Driving all kinds of piezo actuator
- Piezo transducer



**Harbin Core Tomorrow Science & Technology Co., Ltd.**

Tel: +86-451-86268790

Email: [info@coremorrow.com](mailto:info@coremorrow.com)

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

Fax: +86-451-86267847

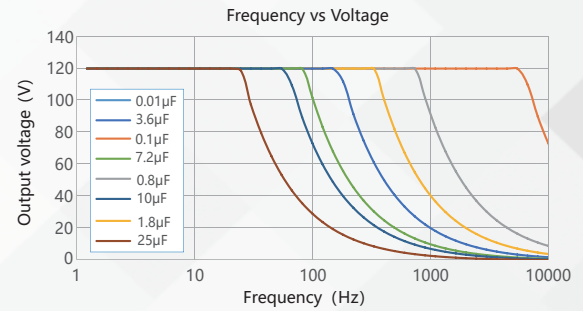
Web: [www.coremorrow.com](http://www.coremorrow.com)

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

## Technical Data >>

Type	E81.C6K-H
Function	Piezo controller
Channels	6
Nominal output voltage(V)	-20~120
Peak current(mA)	1000/channel
Ave. Current(mA)	70/channel
Bandwidth(Hz)	10k/channel
Ripple(mVpp)	10/channel
PZT connector	EGG.0B.305.CLL
Communication port	RS-422 (D-SUB9)
Band rate	9600、115200、256000、1382400、5250000
Operating temperature(°C)	-20 to 65
Storage temperature (°C)	-40 to 70
Humidity	Max: 80% , 30°C Minimum: 50%, 40°C
Size(mm)	335×205×44mm
Mass(kg)	2.35
Power supply	220V AC
Power interface	IEC socket

## Curves >>



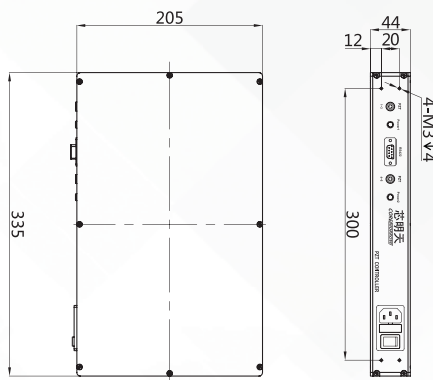
Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

## Panel Introduction >>

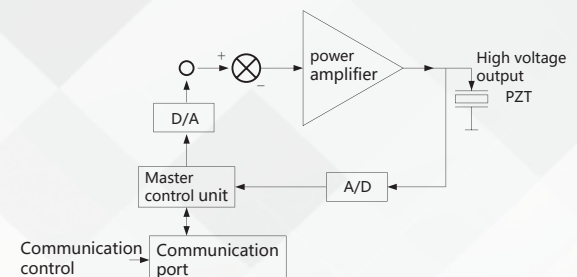


No.	Description
①	CH 1 to CH 3 voltage output interface
②	CH 1 to CH 3 power indicator
③	RS-422 communication interface
④	CH 4 to CH 6 voltage output interface
⑤	CH 4 to CH 6 power indicator
⑥	Power supply port
⑦	Power switch

## Drawing >>



## 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