

# 256 Channels | E82.C256K

## Piezo Amplifier



## Introduction

The E82.C256K piezo amplifier has passed very strict environmental experiments, such as salt spray test, mold test, damp heat test, electromagnetic compatibility test, vibration test, etc.

### Characteristics >>

- 256 channels
- Output -20~+120V
- Input power 1300W
- Custom is available

### 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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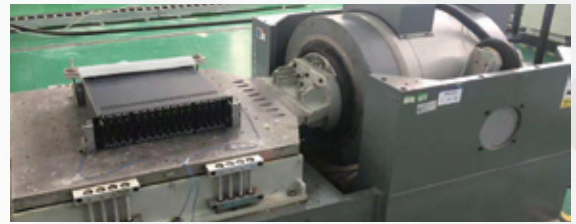
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## Technical Data >>

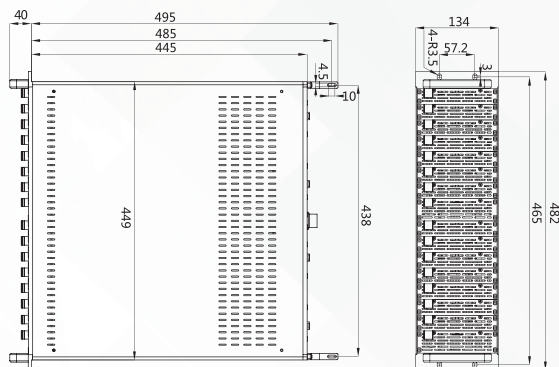
| Type                          | E82.C256K                               |
|-------------------------------|-----------------------------------------|
| Channels                      | 256                                     |
| Output voltage(V)             | -20~+120                                |
| Output voltage resolution(mV) | 5                                       |
| Output voltage ripple(mV)     | 10 (RMS)                                |
| Ave. current/channel(mA)      | 30                                      |
| Peak current/channel(mA)      | 90                                      |
| Output bandwidth(kHz)         | 1                                       |
| Protection                    | Over current                            |
| PZT output interface          | J24H-74ZKH(optional)                    |
| Communication                 | Ethernet port, HY9511180A               |
| AD gathering function         | Software                                |
| Power supply                  | AC 220V                                 |
| Power interface               | JY27467T13E03PN-H                       |
| Input power(W)                | 1300                                    |
| Mass(kg)                      | 26                                      |
| Size(mm)                      | 19 inch, standard 3U,<br>W482×H134×D495 |
| Operating temperture(° C)     | -10~+40                                 |
| Store temperture(° C)         | -25~+50                                 |
| Customization                 | Available                               |

## Test >>

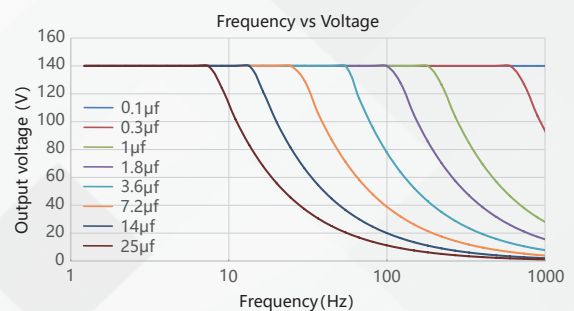


Vibration Test

## Drawing >>



## Curves >>



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



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