

1 or 2 Channels | C47.K1AL

Piezo Amplifier



Characteristics >>

- 1 or 2 channels output
- High power
- Output voltage 0~±300V
- Film bottom and LCD display

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

Introduction

C47 is high-power piezoceramic controller that is ideally suited for driving and testing of large quantities of piezoceramics with adjustable frequency and output voltage.



Harbin Core Tomorrow Science & Technology Co., Ltd.

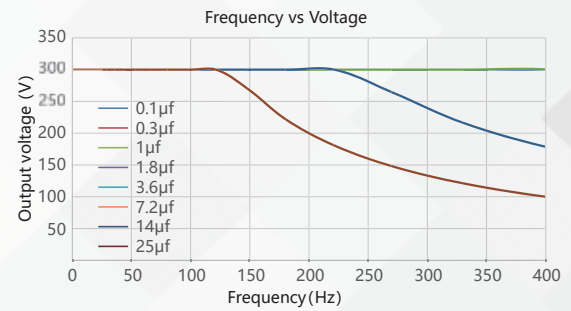
Tel: +86-451-86268790 Email: info@coremorrow.com
Fax: +86-451-86267847 Web: www.coremorrow.com

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

Technical Data >>

Type	C47.K1AL	
Functions	Large power pulse	
Channels	2	1
Output voltage(V)	Unipolar 0~300/0~-300	Bipolar -300~300
Peak current(mA)	3000	
Ave. current(mA)	1000	
Amplifier bandwidth(Hz)	300	
Output ripple(mVpp)	50	
Control input voltage(V)	AC 0~250	
Output voltage range(V)	Control input voltage × 1.4	
Input connector	JXZ-2 type terminal	
Output connector	JXZ-2 type terminal	
Communication	RS-232	
D/A converter	16 Bit	
A/D converter	16 Bit	
External feature	Film keyboard LCD display	
Software configuration	Standard computer software	
Output waveform type	Square wave	
Operating temperature(° C)	0~50	
Size(mm)	L343× H133× D343	
Power supply	220VAC 50Hz±10%	

Curves >>



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



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