



# Product specification

## DC-C80.1W100 Piezoelectric Amplifier User Manual

### 1. Overview

#### 1.1 Typical Features

- Single-channel high-power piezoelectric amplifier
- 220V AC power supply with PFC
- Peak output current: 3A
- Average output current: 0.65A
- No-load bandwidth: 10KHz
- Cooling fan

#### 1.2 Typical Applications

- Piezoelectric ceramic driving
- Capacitive load driving



### 2. Technical Specifications

Piezoelectric Amplifier Parameters		DC-C80.1W100
supply electricity	Input Voltage	220V AC
drive	Nominal Input Range (Analog)	0 ~ 5V
	Nominal Output Voltage	0 ~ 150V
	gain	30X
	Peak Current	3A
	Average Current	0.65A
	Bandwidth (No Load)	10KHz
	Ripple	10mVRMS(with 2.2μF Load)
	Rated Output Power	100W
Protection	Operating Temperature Range	0°C to 50°C
	Short-Circuit Current Limit	0.65A
	Overcurrent Indication	-
Connectors	Analog Control Input	SMA
	PZT Output	BNC

### 3. Precautions

- This product should not be used to drive inductive loads, as doing so may cause damage to the product.
- Ensure that the air vents are not obstructed.

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