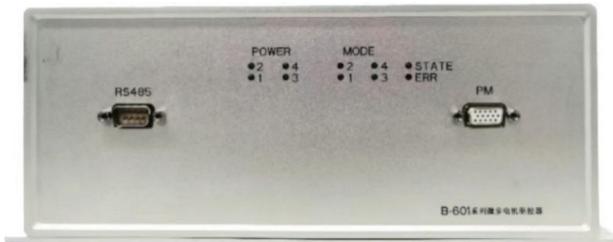


## Piezo Motor Servo Controller



### Features

- Single-channel piezo motor open-loop control
- Digital communication control

### Description

Digital single-channel micro-stepping motor controller

Supporting open-loop control of PMNL series piezo motors of YiNGUAN Company with multiple motor control modes, including full-step mode, analog drive mode.

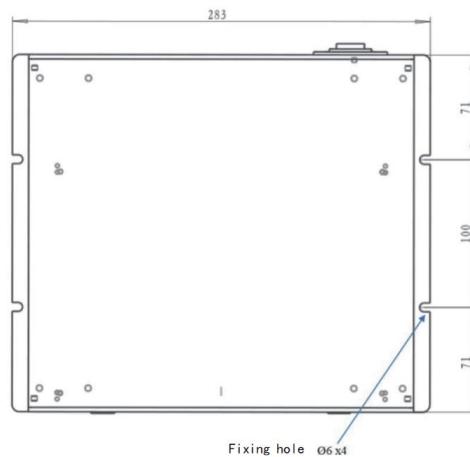
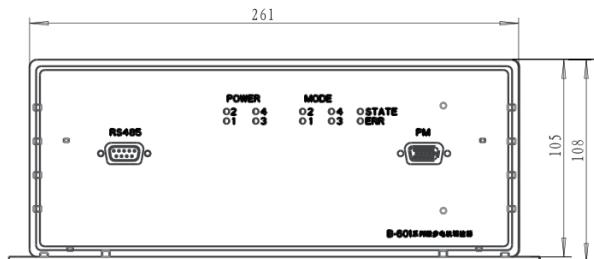
#### Digital communication control

Providing RS-485 communication interface, with Modbus RTU protocol. The efficient and multi-function command set can meet the high-performance motion control of micro-step motors and real-time monitoring of the driver status.

### Applications

- Lens precision adjustment
- Precision electron microscope adjustment
- Precision semiconductor equipment
- Precision medical testing equipment

### Interface Definition



## Technical Specifications

Basics		B-601.30	Unit
Function	piezo motor open-loop controller		
Motor Channels	1		
<b>Amplifier</b>			
Amplifier channels/motor	3		
Output voltage	-230 ~ 230	V	
Peak power / channel	45	W/channel	
Average power / channel	15	W/channel	
Peak current / channel	180	mA	
Average current / channel	60	mA	
<b>Interfaces</b>			
Communication Interfaces	RS-485, Modbus RTU		
Drive output interface	HD-Sub15 Female		
<b>Miscellaneous</b>			
Operating power	220 V AC / 50Hz		
Maximum power consumption	200	W	
Operating temperature range	5 ~ 50	°C	
Dimensions	250 × 105 × 230	mm × mm × mm	

## Customization Information

B-601 series piezo motor open-loop controller

Type	Feature
B-601.3B	1-channel PMNL motor controller, open loop, RS-485