NEW product

AT 6701B ~ 6705B

BIPOLAR STEPPER MOTOR DRIVE POWER SUPPLY

CHINESE/ENGLISH OPERATION

263 (W) * 107 (H) * 384 (D)
UNIT: mm

Weight: 10kg

CURRENT CAN BE CONTROLLED BIDIRECTIONALLY

BIPOLAR DRIVE ACHIEVES FINER STEP CONTROL MICROSTEP DRIVER

- Five working modes(Single step, continuous, set, count, positive and negative)
- Intermittent pulse output, simulating actual working conditions
- Suitable for various low to high voltage micro stepper motors



Power Supply 220VAC±10%, 50Hz

The AT6701B bipolar stepper motor drive power supply mainly consists of a DC stabilized voltage and current power supply, computer signal processing, and drive circuit, providing drive power for micro bipolar stepper motors for research, production testing, and aging.

The AT6710B power supply adopts high-performance microprocessor control, 5-inch LCD screen display, numeric keypad, small size, rich functions, and simple and convenient operation. Built in RS232/RS485/ LAN/USB communication interface, with rich SCPI commands, supporting remote control.

MODEL	AT6701B	6702B	6703B	6704B	6705B
Channel	1CH	2CH	2CH	4CH	5CH
Voltage	0~36.0V（Adjustable Arbitrarily）				
Current	0~2A（Adjustable Arbitrarily）				
Pulse Frequency Range	1— 9999Hz（Meet the testing requirements from low speed to high speed）				
Voltage Measurement Accuracy	0.5%±1digit				
Accuracy Of Current Measurement	0.5%±1digit				
Frequency Accuracy	<1%				
Programming Language	SCPI / Modbus (RTU)				
Interface	RS232 / RS485 / LAN / USB				
Other	5-inch TFT-LCD true color display, keyboard lock, screenshot function				
Attachment	ATL509 test cable; power cord				

Main Functions

Frequency	The power supply supports the adjustment of input pulse frequency, which is used to control the speed of the motor. The frequency range can be set according to actual needs to achieve stepless speed regulation.
Pattern	Provide multiple operating mode options: single step, continuous, set, count, forward and reverse. Users can flexibly switch according to their accuracy and torque requirements.
Shooting sequence	Provide three shooting sequence modes (1-1, 1-2, 2-2) to flexibly adapt to different types of motors.
Pulse count	The rotation angle of the motor can be precisely controlled by inputting the number of pulses, with each pulse corresponding to a certain step angle, thus achieving high-precision position control.
5 comparator function (sorting function)	The built-in comparator is used to detect current feedback signals, ensuring that the current in the motor winding is stable within the set range, improving driving efficiency, and protecting circuit safety.