NEW product

AT6705 / 6702 STEPPER MOTOR DRIVE POWER SUPPLY

CHINESE/ENGLISH OPERATION
355 (W) * 125 (H) * 286 (D)
UNIT: mm
Weight: 5kg

MULTI CHANNEL AND MULTIFUNCTIONAL INTEGRATION

CAN DRIVE MULTIPLE STEPPER MOTORS SIMULTANEOUSLY OR WORK IN CONJUNCTION WITH OTHER DEVICES

- **Overload protection**
- **Multi functionality/intelligent settings /high-precision measurement**
- **Multiple operating mode options: single step, continuous, set, count, forward and reverse;**



Power Supply 220VAC±10%, 50Hz

The AT6705 stepper motor drive power supply is designed specifically for the research and development, production testing, and aging testing of micro stepper motors. This power supply integrates DC voltage and current stabilization power supply, computer signal processing, and driving circuit, providing x (customizable) output channels, supporting forward and reverse operation, multiple beat sequences, and multiple working modes. The instrument supports computer remote control instructions compatible with SCPI (Standard Command for Programmable Instrument), efficiently completing remote control and data acquisition functions. Simultaneously supporting Modbus RTU communication protocol, facilitating communication with devices such as PLCs.

MODEL	AT6705	AT6702
Channel	5CHS（Customizable）	2CHS
Voltage	0~60.0V（Adjustable Arbitrarily）	
Current	0~5.0A（Adjustable Arbitrarily）	
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	
Accessories	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.