

面板式调速控制器 PANEL TYPE BLDC SPEED CONTROLLER

EBD30A AC220V

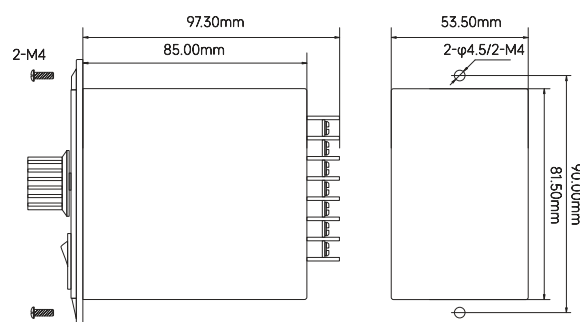
- Built-in power supply, AC input
- Support DC24 BLDC Motor
- Knob speed control, simple operation
- Easy Wiring
- High torque at low speed, long life



● Parameter list

Model	EBD30A
Mounting Type	Panel type
Power Supply	Single phase 220V/110V
Matched Motor Power	≤30W
Speed Range	150~3000RPM
Operating environment	-10°C~+45°C
Signal output	Speed/Alarm
Speed adjust methods	Panel/PWM/Pulse

● Dimensions(Unit: mm)



● Direction Change

- For an external switch start-stop/reversing situation, see EH200A - Figure 3.
- When it is necessary to switch the direction through the PLC, just connect CW, CCW, COM directly to the output terminal of the PLC, and the motor can be started/stopped and the running direction can be switched without external relays. Refer to EH200A—Figure 3.

● Speed Mode

- Use the panel knob to adjust the speed (default), if you need other speed adjustment methods, please contact sales for setting.
- PWM duty cycle: The speed regulation can be controlled by outputting PWM signals through PLC and other upper computers (NPN sink type)---Figure 1.
- Pulse frequency: the speed regulation (1HZ=1RPM) can be controlled by outputting a frequency signal from a PLC (NPN drain type)---Figure 1.
- Fixed speed mode.(need to contact sales to set).

● Output Signal

- Alarm output (default output mode): When the controller doesn't work, and the alarm code would be displayed on the displayer. When the OUT output port is set as alarm output, OUT and COM will be connected at this time, OUT port is low level---Figure 2.
- Speed output: When the motor is running, it will synchronize the current motor speed and output the corresponding frequency 1RPM=1HZ (please contact sales for setting)---Figure2

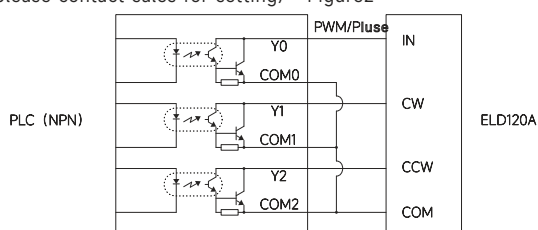


Figure1

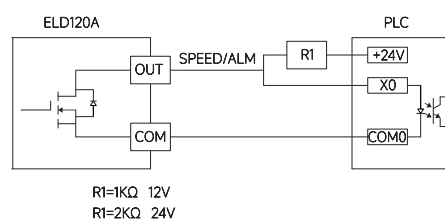


Figure2

微电机
PARALLEL SHAFT BLDC GEARED MOTORL型调速电机
L-MODEL BLDC GEARED MOTORR型调速电机
R-MODEL BLDC GEARED MOTOR面板式调速控制器
PANEL TYPE BLDC SPEED CONTROLLER光轴调速电机
ROUND SHAFT (NO GEAR) BLDC MOTOR行星调速电机
PLANETARY BLDC GEARED MOTOR机箱式调速控制器
BLDC SPEED CONTROLLER

面板式调速控制器 PANEL TYPE BLDC SPEED CONTROLLER

ELD120A DC24V

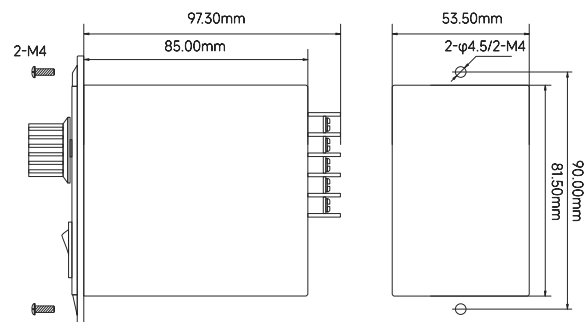
- With displayer
- Knob speed control, simple operation
- Speed could be adjust by PLC directly
- Reliable performance, easy wiring
- Higher torque at low speed, long life



● Parameter list

Model	ELD120A
Mounting Type	Panel type
Power Supply	DC24V
Matched motor power	≤120W
Speed Range	150~3000RPM
Operating environment	-10°C~+45°C
Signal output	Speed/Alarm
Speed adjust methods	Panel knob/PWM/Pulse frequency

● Dimensions(Unit:mm)



● Direction Change

- For an external switch start-stop/reversing situation, see EH200A - Figure 3.
- When it is necessary to switch the direction through the PLC, just connect CW, CCW, COM directly to the output terminal of the PLC, and the motor can be started/stopped and the running direction can be switched without external relays. Refer to EH200A—Figure 3.

● Speed Mode

- Use the panel knob to adjust the speed (default), if you need other speed adjustment methods, please contact sales for setting.
- PWM duty cycle: The speed regulation can be controlled by outputting PWM signals through PLC and other upper computers (NPN sink type)---Figure 1.
- Pulse frequency: the speed regulation (1HZ=1RPM) can be controlled by outputting a frequency signal from a PLC (NPN drain type)---Figure 1.
- Fixed speed mode.(need to contact sales to set).

● Output Signal

- Alarm output (default output mode): When the controller doesn't work, and the alarm code would be displayed on the displayer. When the OUT output port is set as alarm output, OUT and COM will be connected at this time, OUT port is low level---Figure 2.
- Speed output: When the motor is running, it will synchronize the current motor speed and output the corresponding frequency 1RPM=1HZ (please contact sales for setting)---Figure2

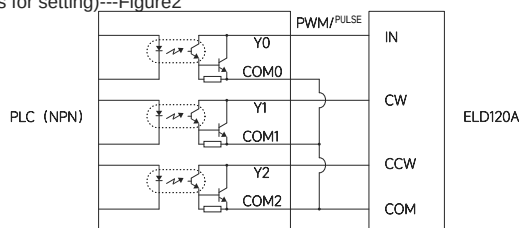


Figure1

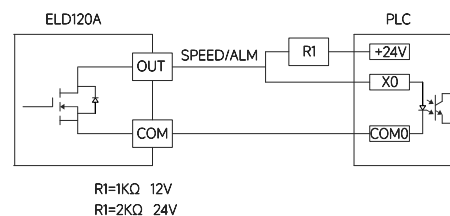


Figure2

面板式调速控制器

PANEL TYPE BLDC SPEED CONTROLLER

EH200B

AC220V

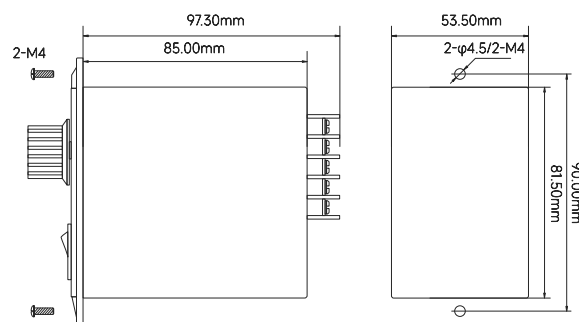
- AC power input
- Knob speed control, simple operation
- Direction/start/stop could be easily controlled by switch
- Reliable performance, easy wiring
- Higher torque at low speed, long life



Parameter list

Model	EH200B
Mounting Type	Panel type
Power Supply	Single Phase 220V/110V
Matched Motor Power	≤200W/≤100W
Speed Range	150~3000RPM
Operating environment	-10°C~+45°C
Signal Source	Panel knob speed regulation
Control functions	Direction/start/stop could be controlled by switch or PLC(isolated)

Dimensions(Unit:mm)



Direction Change

- The factory default is CW. If CCW is needed, connect CCW with GND from CW.
- Short connect CW、CCW with GND, the motor would brake.
- In the case of manual direction switching, the ship type switch should be used, KCD1 250V6A is recommended) ---Figure 1
- PLC/upper computer could control the direction, CW、CCW、GND could be connected with GND. Relays are needed. ---Figure 2

Start and Stop

- Use panel switch.
- Disconnect CW/CCW with GND (A switch CD1 250V6A is recommended)---Figure3.
- PLC/upper computer could control the motor start/stop, CW、CCW、GND could be connected with PLC by relays.---Figure 4

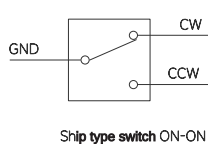
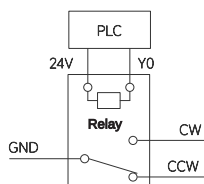


Figure1



Figure

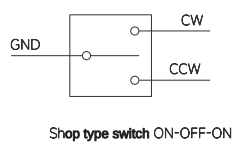


Figure3

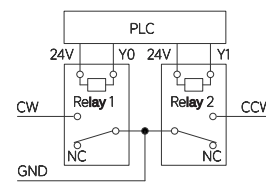


Figure4

面板式调速控制器 PANEL TYPE BLDC SPEED CONTROLLER

EHD200B
AC220V

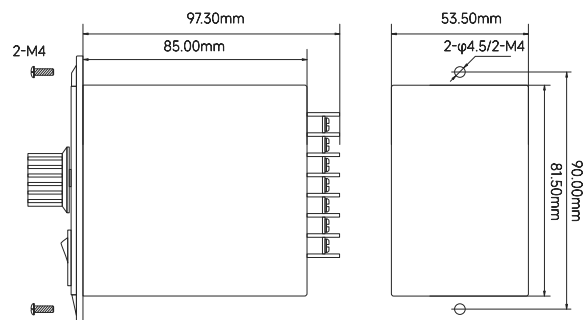
- With displayer
- Knob speed control, simple operation
- Speed could be adjust by PLC directly
- Reliable performance, easy wiring
- Higher torque at low speed, long life



Parameter list

Model	EHD200B
Mounting Type	Panel type
Power Supply	Single phase 220V/110V
Matched motor power	≤200W/≤100W
Speed Range	150~3000RPM
Operating environment	-10°C~ + 45°C
Signal output	Speed/Alarm
Speed adjust methods	Panel/PWM/Pulse

Dimension(Unit:mm)



Direction Change

- For the start-stop/reversing scene that requires an external switch, please refer to EH200A---Figure 3.
- When it is necessary to switch the direction through the PLC or other host computer, just connect CW, CCW, COM directly to the output terminal of the PLC or other host computer, and the motor can be started/stopped and the running direction can be switched without external relays. Refer to EH200A Figure 3.

Speed Mode

- Use the panel knob to adjust the speed (default), if you need other speed adjustment methods, please contact sales for setting.
- PWM duty cycle: The speed regulation can be controlled by outputting PWM signals through PLC and other host computers (NPN sink type)---Figure 1.
- Pulse frequency: The speed regulation (1HZ=1RPM) can be controlled by outputting a frequency signal from a host computer such as PLC (NPN drain type)---Figure 1.
- Fixed speed (need to contact sales to set).

Output signal

- Alarm output (default output mode): When the speed controller doesn't work, the motor will stop working, and the corresponding alarm code will be displayed on the display screen. When the OUT output port is set as alarm output, OUT and COM will be connected at this time, the OUT port is low level --- Figure 2
- Speed output: When the motor is running, it will synchronize with the current motor speed and output the corresponding frequency 1RPM=1HZ (need to contact sales for setting)---Figure 2.

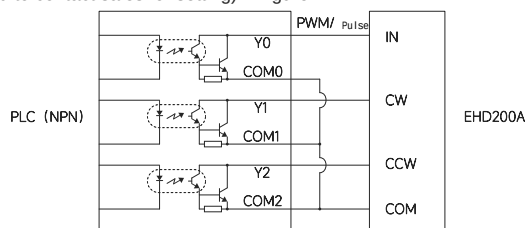


Figure1

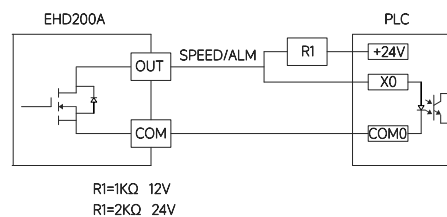


Figure2

面板式调速控制器 PANEL TYPE BLDC SPEED CONTROLLER

EHD400B
AC220V

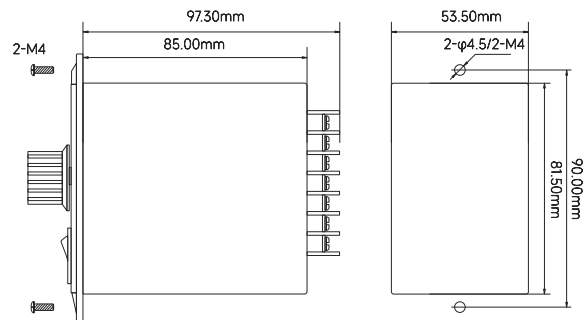
- With displayer
- Knob speed control, simple operation
- Speed could be adjust by PLC directly
- Reliable performance, easy wiring
- Higher torque at low speed, long life



• Parameter list

Model	EHD400B
Mounting Type	Panel type
Power Supply	Single phase220V/110V
Matched motor power	≤400W/≤200W
Speed Range	150~3000RPM
Operating Environment	-10°C~ + 45°C
Signal output	Speed/Alarm
Speed adjust methods	Panel/PWM/Pulse

• Dimension(Unit:mm)



• Direction Change

- For the start-stop/reversing scene that requires an external switch, please refer to EH200A---Figure 3.
- When it is necessary to switch the direction through the PLC or other host computer, just connect CW, CCW, COM directly to the output terminal of the PLC or other host computer, and the motor can be started/stopped and the running direction can be switched without external relays. Refer to EH200A Figure 3.

• Speed Mode

- Use thepanel knob to adjust the speed (default), if you need other speed adjustment methods, please contact sales for setting.
- PWM duty cycle: The speed regulation can be controlled by outputting PWM signals through PLC and other host computers (NPN sink type)---Figure 1.
- Pulse frequency: The speed regulation (1HZ=1RPM) can be controlled by outputting a frequency signal from a host computer such as PLC (NPN drain type)--Figure 1.
- Fixed speed (need to contact sales to set).

• Output signal

- Alarm output (default output mode): When the speed controller doesn't work, the motor will stop working, and the corresponding alarm code will be displayed on the display screen. When the OUT output port is set as alarm output, OUT and COM will be connected at this time , the OUT port is low level --- Figure 2
- Speed output: When the motor is running, it will synchronize with the current motor speed and output the corresponding frequency 1RPM=1HZ (need to contact sales for setting)---Figure 2.

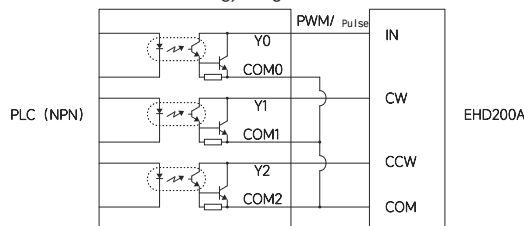


Figure1

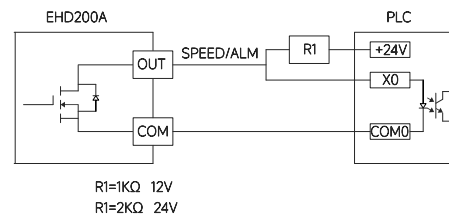


Figure2

面板式调速控制器 PANEL TYPE BLDC SPEED CONTROLLER

EHD750B
AC220V

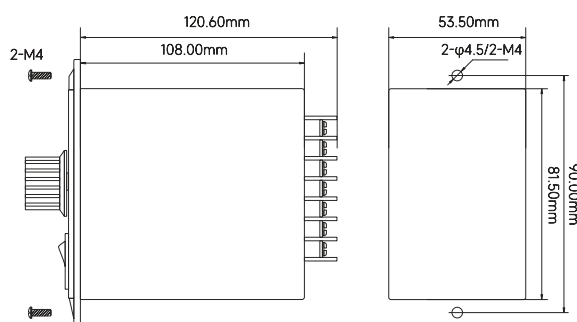
- With displayer
- Knob speed control, simple operation
- Speed could be adjust by PLC directly
- Reliable performance, easy wiring
- Higher torque at low speed, long life



● Parameter list

Model	EHD750B
Mounting Type	Panel type
Power Supply	Single phase220V/110V
Matched Motor Power	≤750W/≤325W
Speed Range	150~3000RPM
Operating environment	-10℃~+45℃
Signal output	Speed/Alarm
Speed adjust methods	Panel/PWM/Pulse

● Dimensions(Unit: mm)



● Direction Change

- For an external switch start-stop/reversing situation, see EH200A - Figure 3.
- When it is necessary to switch the direction through the PLC, just connect CW, CCW, COM directly to the output terminal of the PLC, and the motor can be started/stopped and the running direction can be switched without external relays. Refer to EH200A—Figure 3.

● Speed Mode

- Use the panel knob to adjust the speed (default), if you need other speed adjustment methods, please contact sales for setting.
- PWM duty cycle: The speed regulation can be controlled by outputting PWM signals through PLC and other upper computers (NPN sink type)---Figure 1.
- Pulse frequency: the speed regulation (1HZ=1RPM) can be controlled by outputting a frequency signal from a PLC (NPN drain type)---Figure 1.
- Fixed speed mode.(need to contact sales to set).

● Output Signal

- Alarm output (default output mode): When the controller doesn't work, and the alarm code would be displayed on the displayer. When the OUT output port is set as alarm output, OUT and COM will be connected at this time, OUT port is low level---Figure 2.
- Speed output: When the motor is running, it will synchronize the current motor speed and output the corresponding frequency 1RPM=1HZ (please contact sales for setting)---Figure2

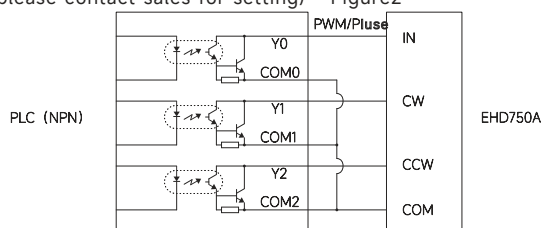


Figure1

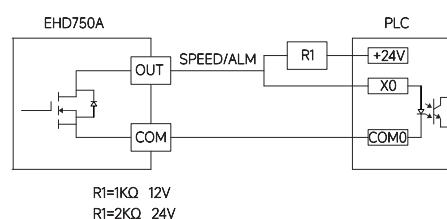


Figure2

机箱式调速控制器 BLDC SPEED CONTROLLER

BL60A DC24V

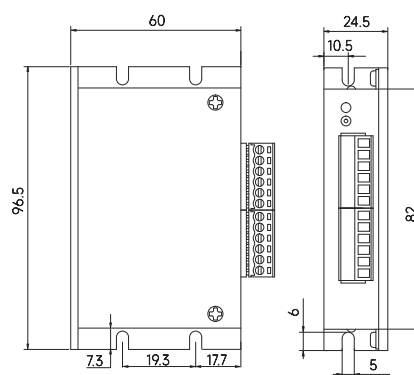
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- External PWM speed control



● Parameter list

Model	BL60A
Mounting Type	Chassis
Power Supply	DC24V
Matched Motor Power	≤60W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust methods	Built-in/external potentiometer/Analog/Pulse frequency

● Dimensions(Unit: mm)



● Functions:

- Start/Stop: Direct speed adjustment (RV knob or SV terminal) makes the motor to run.
- Brake: Connect BRK and GND, the motor brake stops. Disconnect BRK and GND, the motor runs. By connecting a switch/PLC between GND and BRK, the motor could be controlled.
- Direction control: when the F/R port is not connected, the motor rotates CW, and when F/R and GND are shorted, the motor rotates CCW.

● Speed Mode

- Built-in potentiometer RV speed control: Rotate the built-in speed control potentiometer RV CW, the motor starts to run. Turn it CCW to the limit position, the built-in potentiometer RV will be closed, and the motor will stop running---Figure 1.
- External potentiometer: Use a potentiometer with a resistance value of 10KΩ. ---Figure 2.
- External analog signal DC0-5V input: When it is necessary to switch to the external analog control speed mode, the built-in potentiometer RV, must be CCW in the off state.
- Pulse frequency/PWM speed control: The recommended speed adjustment range is 5%~96%, DC0-5V, frequency 3KHZ~15KHZ.

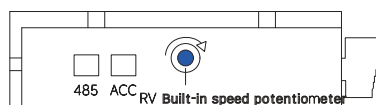


Figure1

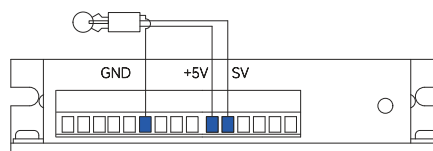


Figure2

微型调速电机
PARALLEL SHAFT BLDC GEARED MOTORL型调速电机
L-MODEL BLDC GEARED MOTORR型调速电机
R-MODEL BLDC GEARED MOTOR面板调速控制器
PANEL TYPE BLDC SPEED CONTROLLER光轴调速电机
ROUND SHAFT (NO GEAR) BLDC MOTOR行星调速电机
PLANETARY BLDC GEARED MOTOR机箱调速控制器
BLDC SPEED CONTROLLER

机箱式调速控制器 BLDC SPEED CONTROLLER

BLR60A
DC24V

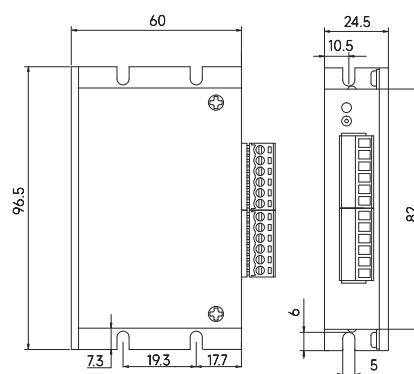
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- RS-485 communication multi-axis control



Parameter list

Model	BLR60A
Mounting Type	Chassis
Power supply	DC24V
Matched motor power	≤60W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust methods	Built-in/external potentiometer/ Analog/RS485/PWM
Control functions	RS485

Dimension(Unit:mm)



Functions :

- Start/Stop: When the RS485 is not used, RV knob can make the motor run. When connected to 485, it is controlled by the host computer.
- Brake: Connect BRK and GND, the motor brakes stop; disconnect BRK and GND, the motor runs. By connecting a switch/PLC between GND and BRK, the motor could be controlled.
- Direction control: If F/R and GND are not connected, the motor rotates CW, and when F/R and GND are shorted, the motor rotates in reverse.

Speed Mode:

- Built-in potentiometer RV speed control: Rotate the built-in speed control potentiometer RV clockwise, and the motor starts to run. Turn it counterclockwise to the limit position, at this time, the built-in potentiometer RV will be closed, and the motor will stop running---Figure 1.
 - External potentiometer: Use a potentiometer with a resistance value of 10KΩ . ---Figure 2.
 - External analog signal DC0-5V input: When it is necessary to switch to the external analog control speed mode, the built-in potentiometer RV must be hung CCW in the off state.
- PWM speed regulation: Recommended speed regulation range 5%~96%, high level 5V, low level 0V, frequency 3KHZ~15KHZ.

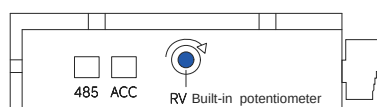


Figure 1

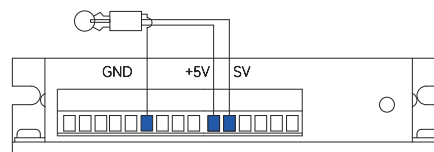


Figure2

机箱式调速控制器 BLDC SPEED CONTROLLER

BL120A DC24V

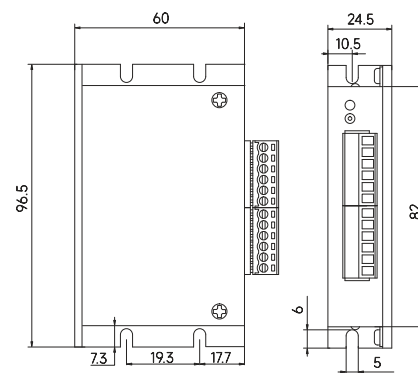
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- External PWM speed control



● Parameter list

Model	BL120A
Mounting Type	Chassis
Power Supply	DC24V
Matched Motor Power	≤120W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust methods	Built-in/external potentiometer/Analog/Pulse frequency

● Dimensions(Unit: mm)



● Functions:

- Start/Stop: Direct speed adjustment (RV knob or SV terminal) makes the motor to run.
- Brake: Connect BRK and GND, the motor brake stops. Disconnect BRK and GND, the motor runs. By connecting a switch/PLC between GND and BRK, the motor could be controlled.
- Direction control: when the F/R port is not connected, the motor rotates CW, and when F/R and GND are shorted, the motor rotates CCW.

● Speed Mode

- Built-in potentiometer RV speed control: Rotate the built-in speed control potentiometer RV clockwise, and the motor starts to run. Turn it counterclockwise to the limit position, at this time, the built-in potentiometer RV will be closed, and the motor will stop running---Figure 1.
- External potentiometer: Use a potentiometer with a resistance value of 10KΩ. ---Figure 2.
- External analog signal: DC0-5V input: When it is necessary to switch to the external analog control speed mode, the built-in potentiometer RV must be in the off state. Use 24V 3000RPM 4-pole electrode. The machine is equipped with closed-loop 4 pairs of poles on the board.
- Pulse frequency/PWM speed control: The recommended speed adjustment range is 5%-96%, DC0-5V. Please refer to the manual for detailed configuration.

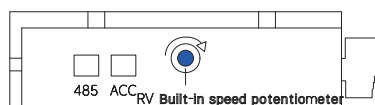


Figure1

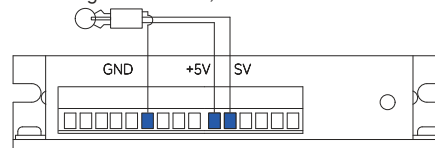


Figure2

微型调速电机
PARALLEL SHAFT BLDC GEARED MOTORL型调速电机
L-MODEL BLDC GEARED MOTORR型调速电机
R-MODEL BLDC GEARED MOTOR面板调速控制器
PANEL TYPE BLDC SPEED CONTROLLER光轴调速电机
ROUND SHAFT (NO GEAR) BLDC MOTOR行星调速电机
PLANETARY BLDC GEARED MOTOR机箱调速控制器
BLDC SPEED CONTROLLER

机箱式调速控制器 BLDC SPEED CONTROLLER

BLR120A DC24V

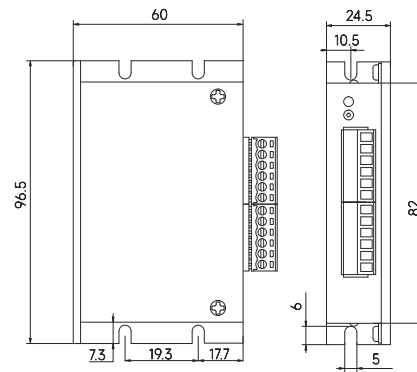
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- RS-485 communication multi-axis control



● Parameter list

Model	BLR120A
Mounting Type	Chassis
Power supply	DC24V
Matched motor power	≤120W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust methods	Built-in/external potentiometer/Analog/RS485/PWM
Control functions	RS485

● Dimension(Unit:mm)



● Functions:

- Start/Stop: When the RS485 is not used, RV knob can make the motor run. When connected to 485, it is controlled by the host computer.
- Brake: Connect BRK and GND, the motor brakes stops; disconnect BRK and GND, the motor runs. By connecting a switch/PLC between GND and BRK, the motor could be controlled.
- Direction control: If F/R and GND are not connected, the motor rotates CW, and when F/R and GND are shorted, the motor rotates in reverse.

● Speed Mode:

- Built-in potentiometer RV speed control: Rotate the built-in speed control potentiometer RV clockwise, and the motor starts to run. Turn it counterclockwise to the limit position, at this time, the built-in potentiometer RV will be closed, and the motor will stop running---Figure 1.
- External potentiometer: Use a potentiometer with a resistance value of 10KΩ. ---Figure 2.
- External analog signal: DC0-5V input: When it is necessary to switch to the external analog control speed mode, the built-in potentiometer RV must be hung CCW in the off state.
- PWM speed regulation: Recommended speed regulation range 5%~96%, high level 5V, low level 0V, frequency 3KHZ~15KHZ.

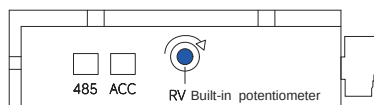


Figure1

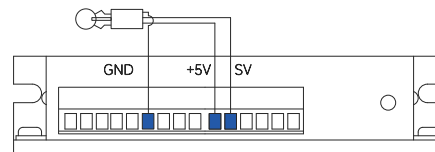


Figure2

说明
EXPLAIN光轴调速电机
ROUND SHAFT(GEAR) BLDC MOTOR微型减速电机
PARALLEL SHAFT BLDC GEARED MOTOR行星减速电机
PLANETARY BLDC GEARED MOTOR面板调速控制器
PANEL TYPE BLDC SPEED CONTROLLER机箱调速控制器
BLDC SPEED CONTROLLER

机箱式调速控制器 BLDC SPEED CONTROLLER

BL300A DC48V

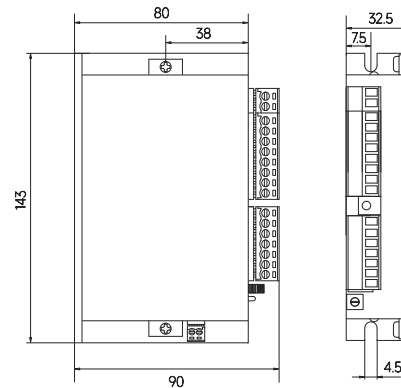
- Compact size and save space
- Built-in potentiometer RV speed control
- ACC time adjustable
- Controlled by PLC directly
- Pulse frequency speed control



● Parameter list

Model	BL300A
Mounting Type	Chassis
Power Supply	DC24V/DC48V
Matched Motor Power	≤150W/≤300W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust methods	Built-in/external potentiometer/Analog/Pulse frequency

● Dimensions(Unit: mm)



● Functions:

- Start/Stop: When EN and the COM terminal connect, the motor runs. Otherwise, the motor stops slowly. Connect a switch or PLC between COM and EN to control the stop/stop of the motor.
- Brake: Connect BRK and GND, the motor brake stops. Disconnect BRK and GND, the motor runs. By connecting a switch/PLC between GND and BRK, the motor could be controlled.
- Direction control: If F/R and GND are not connected, the motor rotates CW, and when F/R and GND are shorted, the motor rotates in reverse.
- Closed mode: The motor would run at closed mode.
- Output signal: Speed and Alarm signal output.

● Speed Mode

- Built-in potentiometer RV speed control: Rotate the built-in speed control potentiometer RV clockwise, and the motor starts to run. Turn it counterclockwise to the limit position, at this time, the built-in potentiometer RV will be closed, and the motor will stop running---Figure 1.
- External potentiometer: Use a potentiometer with a resistance value of 10KΩ. ---Figure 2.
- External analog signal: DC0-5V input: When it is necessary to switch to the external analog control speed mode, the built-in potentiometer RV must be in the off state.
- Pulse frequency/PWM speed control: Please refer to the manual for detailed configuration.

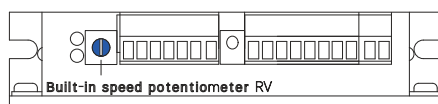


Figure1

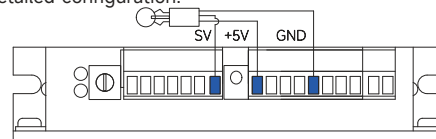


Figure2

微型调速电机
PARALLEL SHAFT BLDC GEARED MOTORL型调速电机
L-MODEL BLDC GEARED MOTORR型调速电机
R-MODEL BLDC GEARED MOTOR面板调速控制器
PANEL TYPE BLDC SPEED CONTROLLER光轴调速电机
ROUND SHAFT (NO GEAR) BLDC MOTOR行星调速电机
PLANETARY BLDC GEARED MOTOR机箱调速控制器
BLDC SPEED CONTROLLER

机箱式调速控制器 BLDC SPEED CONTROLLER

BLR300A DC48V

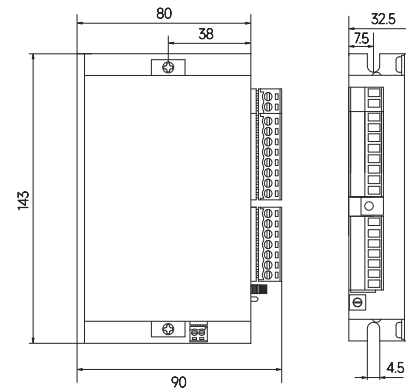
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- RS-485 communication multi-axis control



Parameter list

Model	BLR300A
Mounting Type	Chassis
Power Supply	DC24V/DC48V
Matched Motor Power	≤150W/≤300W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust methods	Built-in/external potentiometer/Analog/RS485/
Control functions	RS485

Dimension(Unit:mm)



Functions:

- Start/Stop: When the RS485 is not used, RV knob can make the motor run. When connected to 485, it is controlled by the host computer. Connect a switch or PLC between COM and EN to control the stop/stop of the motor.
- Brake: Connect BRK and GND, the motor brake stops. Disconnect BRK and GND, the motor runs. By connecting a switch/PLC between GND and BRK, the motor could be controlled.
- Direction control: If F/R and GND are not connected, the motor rotates CW, and when F/R and GND are shorted, the motor rotates in reverse.
- Closed mode: The motor would run at closed mode.
- Output signal: Speed and Alarm signal output.

Speed Adjusting Mode:

- Built-in potentiometer RV speed control: Rotate the built-in speed control potentiometer RV clockwise, and the motor starts to run. Turn it counterclockwise to the limit position, at this time, the built-in potentiometer RV will be closed, and the motor will stop running---Figure 1.
- External potentiometer: Use a potentiometer with a resistance value of 10KΩ. ---Figure 2.
- External analog signal: DC0-5V input: When it is necessary to switch to the external analog control speed mode, the built-in potentiometer RV, must be hung CCW in the off state.

RS485 Speed Adjusting: The RS-485 communication method can be used to adjust the speed, and the communication protocol is detailed in the reference manual.

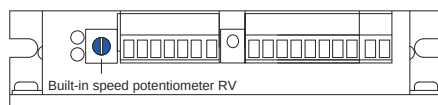


Figure1

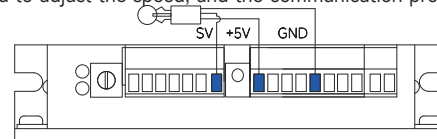


Figure2

机箱式调速控制器 BLDC SPEED CONTROLLER

BL750A DC48V

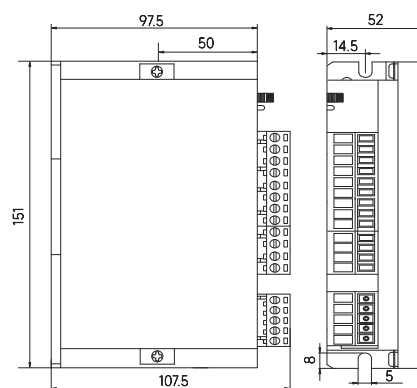
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- Pulse frequency speed control



● Parameter list

Model	BL750A
Mounting Type	Chassis
Power Supply	DC24V/DC48V
Matched Motor Power	≤375W/≤750W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust methods	Built-in/external potentiometer/Analog/Pulse frequency

● Dimensions(Unit: mm)

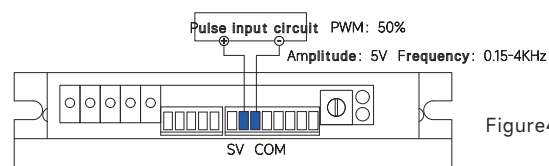
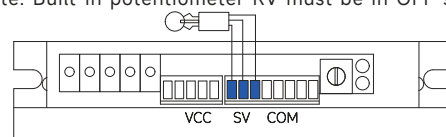
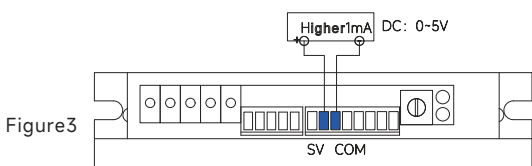
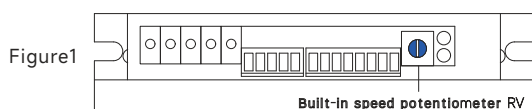


● Functions:

- Acc/Dec time setting: Set the acceleration time and deceleration time of the motor through the potentiometer ACC/DEC.
- Motor pole-pair setting: The pole-pair number of the motor can be set through SW2.
- Open/closed loop setting: SW1 ON=closed loop control; SW1 OFF=open loop control. Note: when closed loop mode, motor pairs should be set rightly through SW2.
- Start and stop: When EN and the COM terminal connect, the motor runs (default)
- Quick stop: When BRK connects with COM, the motor runs. (Default). Otherwise, the motor brake stops
- Direction control: When F/R connects COM, the motor runs CCW; when F/R disconnects COM, the motor runs CW(Default)

● Speed Mode

- Built-in potentiometer RV speed regulation: Rotate the built-in speed regulation potentiometer RV clockwise, and the motor starts to run-Figure 1.
- External potentiometer: Please use a suitable potentiometer with a resistance value of 10KΩ. - Figure 2.
- External analog signal DC0-5V: When it is necessary to switch to the external SV input control speed mode, the built-in potentiometer RV must be in the off state - Figure 3.
- Use pulse frequency speed regulation: SW3 should be set to ON state. Built-in potentiometer RV must be in OFF state-Figure 4.



微型调速电机
PARALLEL SHAFT BLDC GEARED MOTOR

L型调速电机
L-MODEL BLDC GEARED MOTOR

R型调速电机
R-MODEL BLDC GEARED MOTOR

面板调速控制器
PANEL TYPE BLDC SPEED CONTROLLER

光轴调速电机
ROUND SHAFT (NO GEAR) BLDC MOTOR

行星调速电机
PLANETARY BLDC GEARED MOTOR

机箱调速控制器
BLDC SPEED CONTROLLER

机箱式调速控制器

BLDC SPEED CONTROLLER

BHR400A

AC220V

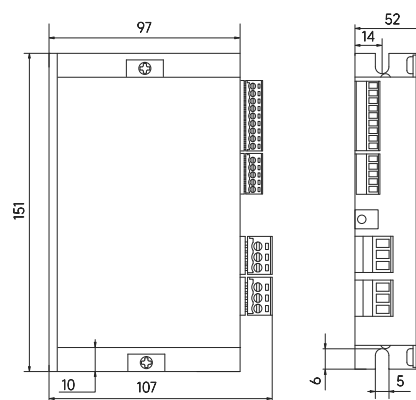
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- RS-485 communication multi-axis control



Parameter list

Model	BHR400A
Mounting Type	Chassis
Power Supply	Single-phase 220V/single-phase 110V
Matched Motor Power	≤400W/≤200W
Speed Range	150~3000RPM
Operating environment	-20°C~ + 55°C
Speed adjust method	Built-in/external potentiometer/Analog/PWM/Pulse frequency
Control functions	RS485

Dimension(Unit:mm)



Functions:

- Acc/Dec time setting: Set the acceleration time and deceleration time of the motor through the potentiometer ACC/DEC.
- Motor pole-pair setting: The pole-pair number of the motor can be set through SW2.
- Start and stop: When EN and the COM terminal connect, the motor runs (default).
- Quick stop: When BRK connects with COM, the motor runs. (Default). Otherwise, the motor brake stops.
- Direction control: When F/R connects COM, the motor runs CCW; when F/R disconnects COM, the motor runs CW(Default).
- Output signal: Speed and Alarm signal output.

Speed Mode

- Built-in potentiometer RV speed regulation: Rotate the built-in speed regulation potentiometer RV clockwise, and the motor starts to run-Figure 1
- RS485 speed control: the role of SW5~SW8 in the DIP switch is to set the slave address, the setting method - Figure 1. Please refer to the product detailed manual.
- External potentiometer: Please use a suitable potentiometer with a resistance value of 10KΩ. - Figure 2.
- External analog signal DC0-5V: When it is necessary to switch to the external SV input control speed mode, the built-in potentiometer RV must be in the off state - Figure 3.

Pulse frequency/PWM speed control: When SW4 is OFF, it is frequency speed control, when SW4 is ON, it is PWM speed control, and the built-in potentiometer RV must be in a closed state - Figure 4

Figure1

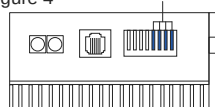


Figure2

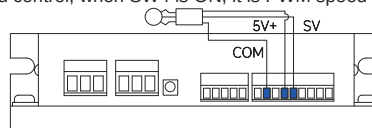


Figure3

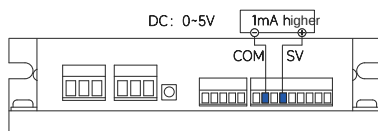
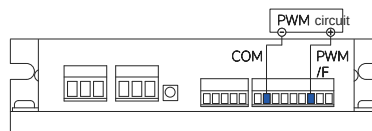


Figure4



PWM speed regulation: Amplitude: 5V Frequency: 1K~10KHz

Pulse frequency speed regulation: Amplitude: 5V Frequency: 150Hz~3KHz

机箱式调速控制器 BLDC SPEED CONTROLLER

BHR750A AC220V

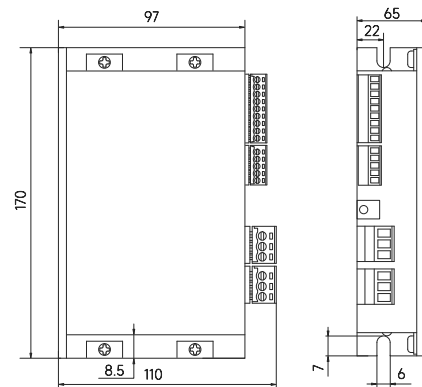
- Compact size and save space
- Various speed adjustment methods are optional
- ACC time adjustable
- Controlled by PLC directly
- RS-485 communication multi-axis control



● Parameter list

Model	BHR750A
Mounting Type	Chassis
Power Supply	Single-phase 220V/single-phase 110V
Matched Motor Power	≤750W/≤375W
Speed Range	150~3000RPM
Operating environment	-20°C~+55°C
Speed adjust method	Built-in/external potentiometer/Analog/PWM/ Pulse frequency
Control functions	RS485

● Dimension(Unit:mm)



● Functions:

- Acc/Dec time setting: Set the acceleration time and deceleration time of the motor through the potentiometer ACC/DEC.
- Motor pole-pair setting: The pole-pair number of the motor can be set through SW2.
- Start and stop: When EN and the COM terminal connect, the motor runs (default)
- Quick stop: When BRK connects with COM, the motor runs. (Default). Otherwise, the motor brake stops.
- Direction control: When F/R connects COM, the motor runs CCW; when F/R disconnects COM, the motor runs CW(Default).
- Output signa: Speed and Alarm signal output.

● Speed Mode

- Built-in potentiometer RV speed regulation: Rotate the built-in speed regulation potentiometer RV clockwise, and the motor starts to run-Figure 1
 - RS485 speed control: the role of SW5~SW8 in the DIP switch is to set the slave address, the setting method - Figure 1. Please refer to the product detailed manual.
 - External potentiometer: Please use a suitable potentiometer with a resistance value of 10KΩ . -Figure 2.
 - External analog signal DC0-5V: When it is necessary to switch to the external SV input control speed mode, the built-in potentiometer RV must be in the off state - Figure 3.
- Pulse frequency/PWM speed control: When SW4 is OFF, it is frequency speed control, when SW4 is ON, it is PWM speed control, and the built-in potentiometer RV

Figure 1

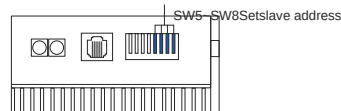


Figure 3

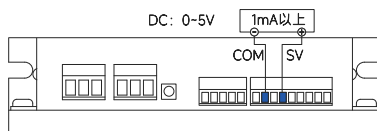


Figure 2

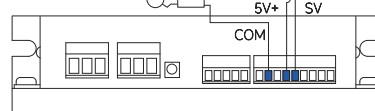
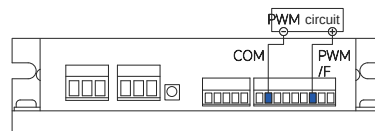


Figure 4



PWM speed regulation: Amplitude: 5V Frequency: 1K~10KHz

Pulse frequency speed regulation: Amplitude: 5V Frequency: 150Hz~3KHz

说明
EXPLAIN光轴调速电机
ROUND SHAFT (NO GEAR) BLDC MOTOR微型减速电机
PARALLEL SHAFT BLDC GEARED MOTOR行星减速电机
PLANETARY BLDC GEARED MOTOR面板调速控制器
PANEL TYPE BLDC SPEED CONTROLLER机箱调速控制器
BLDC SPEED CONTROLLER