

Intelligent electric bed controller

1、 Features

Low voltage DC input, voltage power supply $V_M=29\text{v}$ (maximum voltage)

Output current: $I_{out}=10\text{A}$ (Maximum current)

PWM control

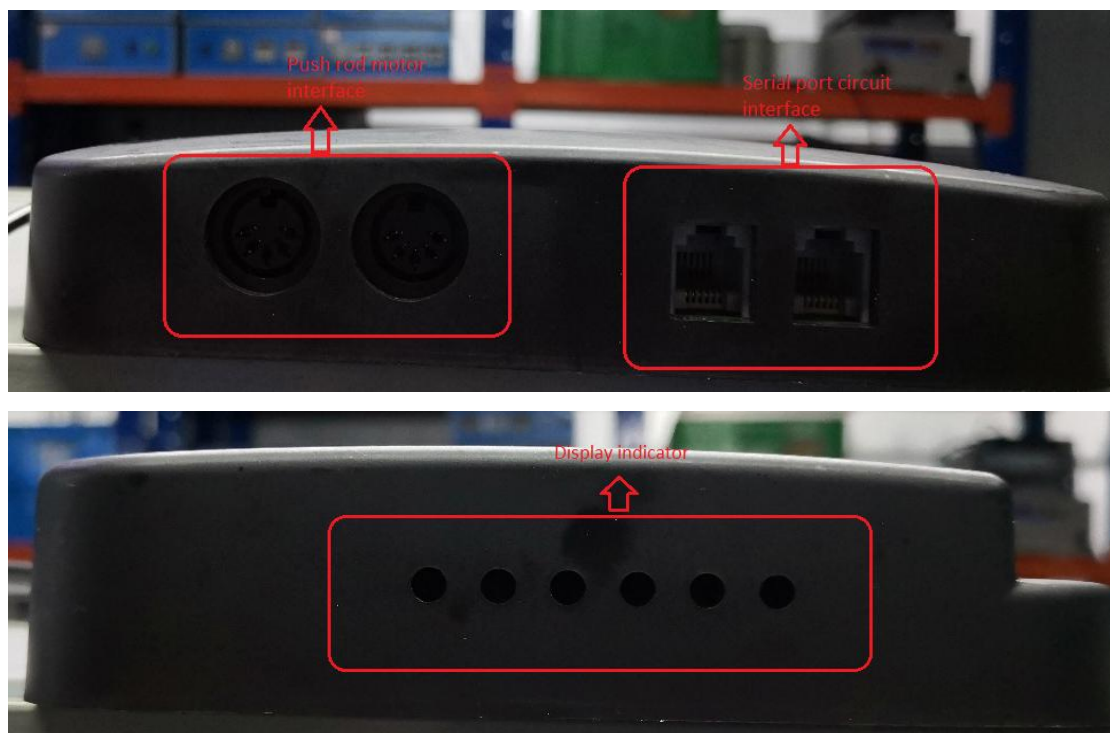
Automatic fault detection

Low voltage detection function

Multiple control boxes can be made up of a system

The reliable working temperature of the controller is within 60 degrees centigrade

2、 Contour





3、 application area

Suitable for single and double electric bed, electric seat and other fields

4、 Safety precautions:

a)OOBA:

- 1) Do not use the spare parts and the damaged controller.
- 2) The controller must be used to match the corresponding motor and adapter

b)Install

- 1) The installation position must be satisfied to prevent the intrusion of dust, corrosion gas, conductive objects, liquids and inflammable materials and maintain good ventilation conditions.
- 2) Installation screws must be tightened to avoid vibration and no impact.

c)Connection

- 1) Please do wiring operations by professional electrical engineers
- 2) Before wiring, please confirm that the power is cut off. When wiring and inspection, the power supply must be cut off and the controller light is extinguished to prevent the electric shock.
- 3) When the connection port of the controller is plugged, please ensure that the controller's light is extinguished again.

4)Maintenance and inspection

- 1) Do not touch the port of the controller directly, some ports have high voltage, and it is dangerous.
- 2) Ask professional engineers to carry out inspection and maintenance work
- 3) The CMOS integrated circuit is installed on the main control board of the controller. Please pay full attention to the inspection so as to avoid the damage of the main control board by the electrostatic induction.

NOTE:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.