

BRUSHLESS DC MOTOR CONTROLLER:

High power brushless motor control for electric tricycle, electric machinery and equipment, recreational vehicles,

sweeping machines, the system ceramic machine, throwing cars, brick car, clean cars, solar boats

TECHNICAL PARAMETERS:

Product Type	ZWT-2U
Rated power	2000W;3000W;4000W;5000W;6000W;8000W
Rated voltage	24V;36V;48V;60V;72V;84V
Hand signal range	1-4v
Rated power loss	=5W
Current limit	120A;130A;150A;180A;200A
Undervoltage protection	Yes
Reverse function	Reverse half speed; reversing at full speed
Testing organization certification	CE,FCC

**USE OF THE ENVIRONMENT**

Ambient temperature	-30~+85℃
Relative humidity	+20℃ 98%
the vibration frequency of	3G, 1 ~ 50Hz 0.5mm
Altitude	2000m
Installation direction	Random



circuit to protect the motor and controller, to prevent accidental burning. Controller in blocking protection to prevent motor reversal under the state function, to avoid traffic on his way down the hill, is quite safe.

8, the speed limit / current limit function: the speed control set speed range.

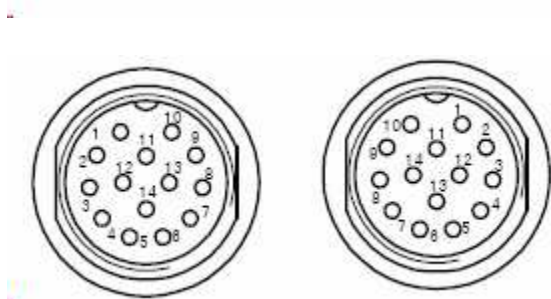
9, anti-coaster features: address the speed control switch to the bad or the line fault caused by runaway phenomenon, but also has launched anti-Speed function, improve system security.

10, MOS short-circuit protection: boot, automatic detection MOS short-circuit fault caused by a chain to prevent short circuit damage to other MOS tube.

11, full power features: power door lock when closed, the controller automatically cut off all of their input power. Reduce misuse phenomenon, a substantial increase in safety.

12, over-temperature protection: When the controller when its temperature exceeds a certain temperature, automatically reduce the output current into the protection of the state.

13, waterproof, shock-proof function.



1 electric door lock (red)

2 foot power 5v (red)

3 foot signal input 1-4v (green) / potentiometer signal input 0-5v

4 high potential brake (yellow) on / off the brake (powder)

5 potential brake (white)

6 reversing the commutation signal input (blue);

7 the backup horn (purple)

8 hard start (green)

9 Hall signal A (yellow)

10 Hall signal B (green)

11 ground (black)

12 places (black)

13 Hall the power 5V (red)

14 Hall signal C (blue)