

1KW E-BIKE CONTROLLER

ITEM NO. SZHY481K7009C

A. SPECIFICATION

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BRUSHLESS HUB MOTOR CONTROLLER


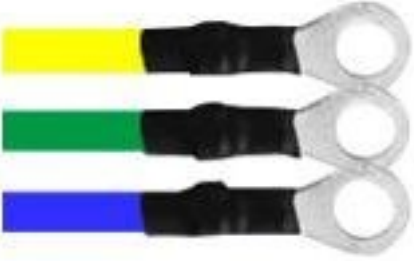







Dimension	22*9*4.5 cm
Rated Voltage	48 V
Max. Current	40 A
Out put power	1000 W
Mini. Voltage Protection	40 V



B. Features

1. Square voltage or PWM control.
2. Stepless speedy and reverse remotion signal.
3. Temperature protection.
4. Over heat protection.
5. Low noise.
6. Low speed/Low current starter.
7. Insulation Resistance : $>100M\Omega$.
8. Speed of the motor can be adjusted.
9. Operation temperature : $-10 \sim 45^{\circ}\text{C}$ °

C. Cable and terminal

Function	Photo	Description
Power Cable		O ring terminal Red : +48V Black: -48V Thinner red : Key/switch connect to + turn on (can be connect to a key)
Motor Cable		U V W

<p>Hall sensor</p>		<p>Vehicle 6PIN Red : +5V Black : - Yellow: U Green: V Blue: W</p>
<p>Speedy</p>		<p>Vehicle 3PIN Red : +5V Black : - White : Signal (0~5V speedy)</p>
<p>Low power Brake</p>		<p>Vehicle 2PIN Yellow : +5V Black : connect to - or 5V low voltage to cut off the input power</p>
<p>3 level speed control</p>		<p>Vehicle 3PIN (Red terminal) BLACK/BLUE : High speed BLACK/GREEN : Low speed No any connected: middle speed</p>
<p>Reverse</p>		<p>Vehicle 2PIN Connect black and white : Reverse the direction of the motor(the motor will be stop then reverse)</p>

<p>High power Brake</p>		<p>Vehicle 2PIN Purple : connect to the voltage controller</p>
<p>Maximum input power control</p>		<p>Vehicle 2PIN Connecting these two terminals can cut 50% power off to reduce speed.</p>