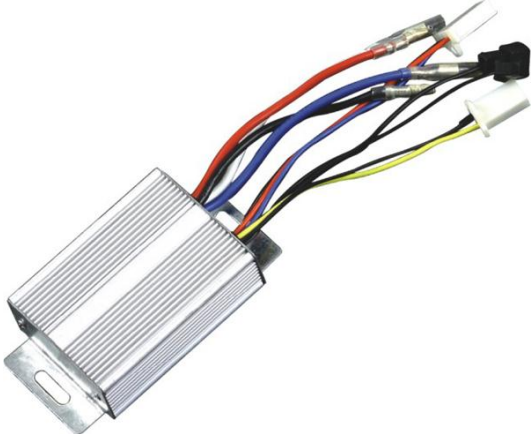






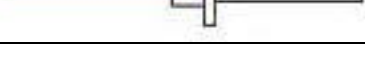

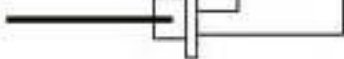
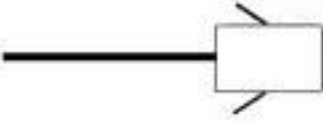
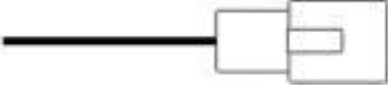


<h2 style="margin: 0;">YK71 Controller</h2> <h3 style="margin: 0;">Product Specifications</h3>	<h2 style="margin: 0;">TNC Scooters</h2>														
<h3 style="margin: 0;">Technical Parameters</h3> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr><td style="padding: 2px;">Rated Voltage</td><td style="padding: 2px;">24 Volts</td></tr> <tr><td style="padding: 2px;">Rated Current †</td><td style="padding: 2px;">20 Amps ± 1 Amp</td></tr> <tr><td style="padding: 2px;">Rated Motors</td><td style="padding: 2px;">≤ 250 Watts</td></tr> <tr><td style="padding: 2px;">Rated Efficiency</td><td style="padding: 2px;">95%</td></tr> <tr><td style="padding: 2px;">Rated Charger</td><td style="padding: 2px;">≤ 3.0 Amps</td></tr> <tr><td style="padding: 2px;">Under Voltage Protection ††</td><td style="padding: 2px;">20.0 Volts ± 0.5 Volts</td></tr> <tr><td style="padding: 2px;">Dimensions</td><td style="padding: 2px;">125 x 74 x 38 mm</td></tr> </table>	Rated Voltage	24 Volts	Rated Current †	20 Amps ± 1 Amp	Rated Motors	≤ 250 Watts	Rated Efficiency	95%	Rated Charger	≤ 3.0 Amps	Under Voltage Protection ††	20.0 Volts ± 0.5 Volts	Dimensions	125 x 74 x 38 mm	
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Wiring Specifications

Power Connector <i>§ - Required Connection</i>	<p>+ Positive (Red)  To</p> <p>- Negative (Black)  Battery</p>
Motor Connector <i>§ - Required Connection</i>	<p>+ Positive (Blue)  To</p> <p>- Negative (White)  Motor</p>
Throttle Connector <i>§ - Required Connection</i>	<p>+ Positive (Red)  To Throttle</p> <p>- Negative (Black)  -OR-</p> <p>s - Signal (Green)  Derailleur</p>
Brake Lever Connector	<p>+ Positive (Yellow)  To</p> <p>- Negative (Black)  Brake Lever</p>
Half Speed Connector	<p>Black  Half Speed</p> <p>Black  Connector</p>

† - The Rated Current prevents the motor current from exceeding the specified value avoiding damage to the motor and the controller due to over current conditions.

†† - The Under Voltage Protection circuit cuts off the battery output when battery voltage falls below the specified value.

§ - Connection required for the controller to function properly. (Battery Connector, Motor Connector and Throttle Connector).