

Installation Manual for Ebike Conversion kit (36V 600W)



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Warnings:

1. Please check the polarity first before installing the E-bike kits. Wrong polarity will damage the controller and we don't provide warranty for that.
2. Charge the battery immediately after use.
3. When charging Battery Pack, please put battery in a fire proof container. Always charge in an isolated area, away from other flammable materials. Ex: wood bench, carpet. Never charging the Battery Pack unattended.

Thank you for purchasing Electronic Bike Conversion Kit (36V, 600W). Below was the instruction for how to connect the prewired controller unit to Battery pack, Prewired thumb throttle and 600 brushed hub motor 24"/26" Rim Wheel

1. The controller unit will have 3 connectors as picture shown below
 - 7.5" long Ebike terminal (connector #1) utilized for connecting to battery pack. **Must DIY / connect to battery pack with correct polarity.**
 - Small Female Ebike pin (Red wire) = Positive
 - Large Female Ebike pin (Black wire) = Negative
 - 6.5" long 4 Pin JST male terminal (connector #2) utilized for connecting to Prewired thumb throttle unit
 - 3' 10" long Ebike terminal (connector #3) utilized for connecting to 600 brushed hub motor 24"/26" Rim Wheel
 - Large Female Ebike pin (Blue wire) = Positive
 - Small Female Ebike pin (Green wire) = Negative



Pic 1: 3 terminals from Controller unit.

2. Connect to Prewired thumb throttle unit by 6.5" long 4 Pin JST male terminal (connector #2) from controller unit as picture shown below.



Pic2 : How to connect the controller to thumb throttle unit

3. Connect to the 600 brushed hub motor 24"/26" Rim Wheel by 3' 10" long Ebike terminal (connector #3) from controller unit as picture shown below. Must connect Large Female Ebike pin (Blue wire) to Small Female Ebike pin (Red wire), Small Female Ebike pin (Green wire) to Large male Ebike pin (Black wire). The connect to 3 pcs SLA battery / 36V NiMH battery / High Power 37 Polymer Li-Ion battery **with correct polarity by connect#1** (Small Female Ebike pin = Positive, Large Female Ebike pin = Negative)



4. Turn on the controller unit by On-Off key (Green = On, Red = Off).Then control the speed by thumb throttle and now you are able to travel.

Note: On off switch unit will be available for some model.

