

| <b>Components</b> | <b>Specification</b>  | <b>How to check</b>  | <b>Youtube Link</b>   |
|-------------------|---|--|---|
| <b>Battery</b>    | Chemistry Li-ion<br>Voltage- 48V<br>Current- 83Ah<br>Weight- 22-25kg              | Set multimeter to DC voltage mode, connect +ve probe to +ve terminal and -ve probe to -ve terminal to measure voltage.   | <a href="https://youtu.be/hClPTvFSTK8">https://youtu.be/hClPTvFSTK8</a> |
| <b>Controller</b> |   | Set multimeter to DC voltage mode, connect red lead to controller's positive terminal and black lead to negative terminal, read voltage on multimeter (should be around 48V) | <a href="https://youtu.be/PxqYxAEsadc">https://youtu.be/PxqYxAEsadc</a> |
| <b>Motor</b>      | Type : brushless DC motor (BLDC)<br>Voltage: 48V<br>Power: 1200 Watts (or 1.2 kW) | Use a multimeter to measure voltage and current. Ensure it's 48V and doesn't exceed 25A for a 1200W motor.   | <a href="https://youtu.be/P7C6kCpGzA">https://youtu.be/P7C6kCpGzA</a>   |

|                 |   |  |   |
|-----------------|---|--|---|
| <b>Throttle</b> | Red: +5V power supply<br>Black or Brown: Ground (GND)<br>Green: Throttle signal output<br>White or Orange: Throttle reference voltage<br>Blue: Throttle signal ground or shield (in some cases) | Set the multimeter to resistance mode, touch the probes to each end of the fuse. If it's blown, there's no continuity. | <a href="https://youtu.be/w4f19yVt7QM">https://youtu.be/w4f19yVt7QM</a> |
| <b>Fuse</b>     | Two 10A fuse  | Set the multimeter to resistance mode, touch the probes to each end of the fuse. If it's blown, there's no continuity. | <a href="https://youtu.be/kofVsWC1se0">https://youtu.be/kofVsWC1se0</a> |