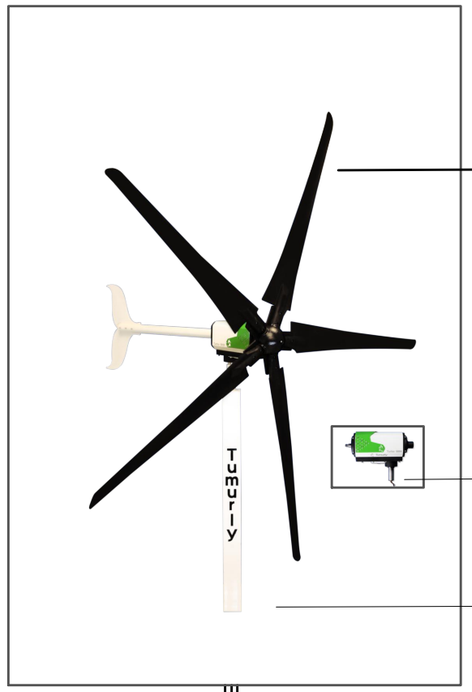
Tumurly Horizontal (Turbo Series) Wind Turbines Electrical Wiring Diagram and Notification



Blades must be installed to flange and rotor shaft appropriately and firmly

Turbine AC Cables should be connected properly

Turbine AC Cables should not touch each other In case they touch each other or to metal mast, turbine cannot turn, it makes braking.

Tumurly Wind Turbines can work with solar nverters in harmony. The turbine system (Charge Controller) should be conected to batteries directly!!

First, the "Battery cables ", and then "the Dumpload", at the last the turbine 3-Phase AC Cables should be connected to Charge Controller. These steps are very important!!

Tumurly Charge Controller

Tumurly Dumpload

Dumpload is the part of automatic braking system. It should be connected to charge controller!!

During operation of wind turbine, battery cables should not seperated from Charge Controller!!

Solar Inverter

3x4mm2Cu

3x50A

3x50A

3x4mm2Cu

2x100A

2x(1x6mm2Cu)

2x25A

2x200A

Battery Group

12V 200 Ah

12V 200 Ah

12V 200 Ah

12V 200 Ah

Project name :
Tumurly Horizontal Turbines Electrical Wiring Diagram
Drawing name :
Hybrid Solar + Wind Turbine Single Line
Project No :
TWH-01
Drawing No :
01
Designed by :
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