

Information Bulletin #2021-2

Problem: External cable models are not clear. Information is not present on the user manual.

Solution: Information bulletin.

Equipment: Hybrid Boost Charge controllers

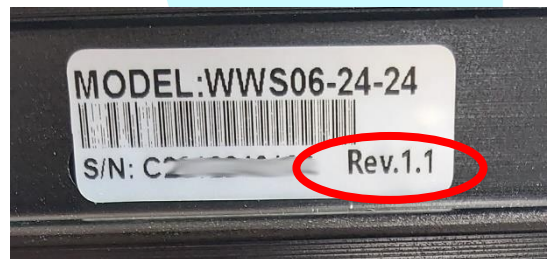
1. PWM Hybrid Boost Charge controller (2 pin connector)

- Manufactured from 2015 to 2018
- 2 Pin Connector
- 2 Wire Cable – Brake only



2. MPPT Hybrid Boost Charge controller - Rev.0 (4 pin connector)

- Manufactured from 2018 to 2019
- 4 Pin Connector
- 4 Wire Cable – Brake and temperature sensor



NOTE: To identify the revision, check the serial number label placed on the left side of the charge controller. If no revision is written on the label, you can assume that is revision 0.

3. MPPT Hybrid Boost Charge controller - Rev.1 or newer (2 pin connector)

- Manufactured from 2019 - Present
- 2 Pin Connector
- 2 Wire Cable – Temperature sensor only



NOTE: To identify the revision, check the serial number label placed on the left side of the charge controller. If no revision is written on the label, you can assume that is revision 0.

4. How to install the Brake cable

Important notes:

1st DO NOT CONECT THE WIRES TO A POWER SOURCE! IT WILL IMMIDIATELY DAMAGE THE CHARGE CONTROLLER - WARRANTY WILL VOID. ⚠

2nd Prepare everything before connecting the cable to the charge controller. All the soldering (if any) and all cable routings must be done first.

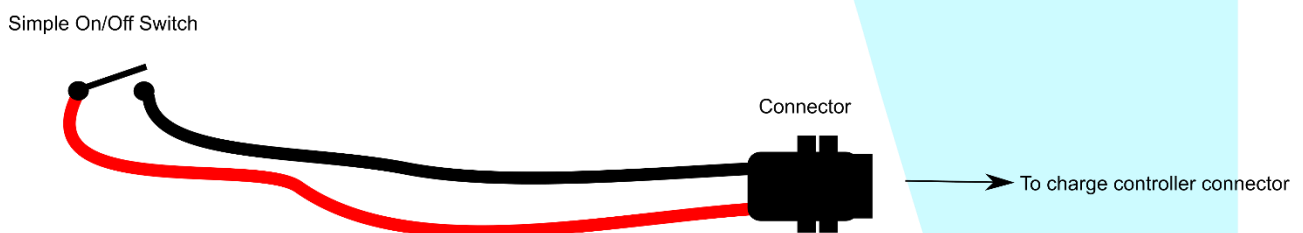
3rd Do not use Switches with external power supply. Use simple ON/OFF Switches only.

4th It is possible to extend the Brake cable length. It is not advisable to extend the sensor cable.




5th The temperature sensor is to be installed on top of the battery or near the battery. If the temperature sensor is not used the charge controller will assume as default +25°C / +77°F.

6th When the cable physical installation is done connect the cable do the charge controller. This is usually the last task on the wind generator installation.

7th Cables are always supplied with the equipment although it can be bought separately.



5. External cable info - Matrix

Model	Photo	Connector Pins	Brake	Temperature sensor	Year of manufacturing
PWM Hybrid Boost Charge controller		2	Yes	No	2015-2018
MPPT Hybrid Boost Charge Controller Rev.0		4	Yes	Yes	2018-2019
MPPT Hybrid Boost Charge Controller Rev.1 or newer		2	No	Yes	2019-Present