

# Design of a simple diversion charge controller

## Monthly report

WindEmpowerment  
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During September, we designed a second prototype. The cheap has been designed to fit in a small box with heat dissipation. Some prototypes has been shipped to members of Wind Empowerment.

## 1 Design of the second prototype

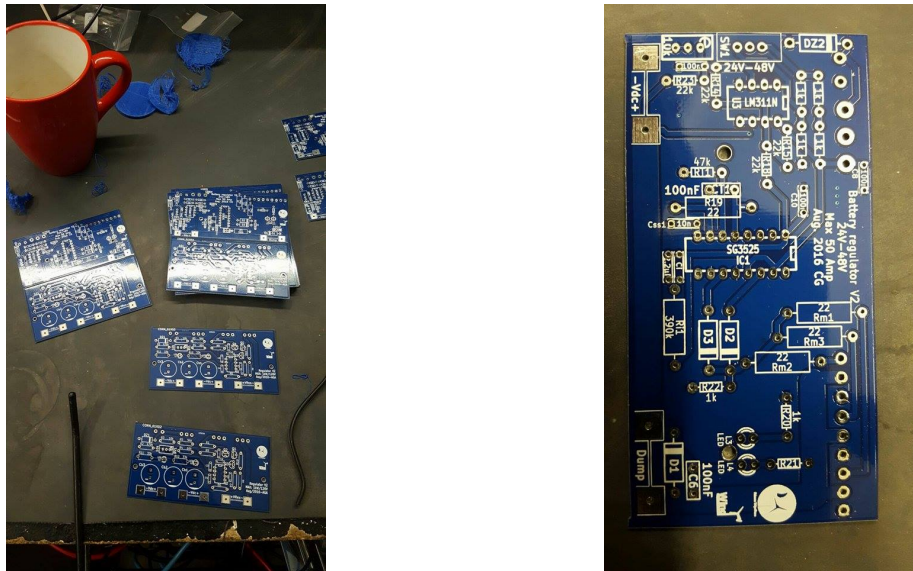


Figure 1: Pictures of the new prototype

The second prototype is smaller and has been sized to fit in a metal box with heat sink included. Small mistakes has been fixed and all the

tracks have been re-sized to enable more current. The printed circuit has been received and we assembled some of them. 2 prototypes has been given to Tripalium members for testing and one has been given to **V3 power** in England. A 12V prototype is also being tested on a 1m Piggot turbine.

We just finished the annual meeting of Tripalium in Valence and we had some feedback from members on the design.

## 2 Next steps of the project

More tests are coming, especially testing around the heat dissipation to be sure the prototype is working with a strong current. The redaction of a notice for the making and installation of the device is going to be done. This notice should be ready for the conference in Argentina as well as some kits that will be given to members for more testing.

If you have any questions or remark regarding the project, please contact me : [clem.gangneux@gmail.com](mailto:clem.gangneux@gmail.com).