

Company profile BPath Energy

Smart solutions for energy supply for (holiday) home, boat or camper and equipment for small to medium businesses. BPath Energy specializes in battery management systems, lithium battery systems and high-quality (used) battery modules from electric cars.

Business details BPath Energy

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Established: 2018
Chamber of Commerce: 65327160
VAT nr: NL001639108B55

Owner: Brend Pieters BSc Eng (1971)



License holder connecting devices (InstallQ, the Netherlands)

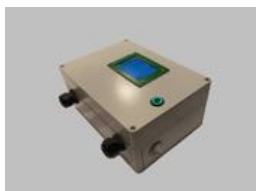
Per 1 January 2021 our new location, situated in Zuid-Beijerland, is operational.



Products, projects and customers

- Module controller
- In-house developed module controller (battery management system) for Tesla model S and model X batteries. Shortly the module controller will also be available for batteries from Tesla model 3, BMS I3 and Mitsubishi Outlander PHEV.
- Lithium battery systems
- A complete system which includes one or more battery modules, battery management system and housing, developed by BPath Energy.
- Custom-made communication cables for module controller and Tesla lithium battery systems
- Battery modules. High quality battery modules from used electric cars.

Read more about our products on the [web shop page](#).



Projects and products are always fully tested for function and (built-in) safety and then delivered to the customer with a description and test report.

A number of projects have now been delivered and internet sales of products are picking up.

- Tesla battery modules have been installed in a luxury yachts;
- I developed (off-grid) power supply for house installations in combination with solar panels for customers (Spain, Portugal);
- Tesla battery systems have been installed in a camper and mobile coffee stall;
- Module controllers are sold nationally and internationally (UK, US, Australia, Norway, France, Czech Republic, Hong Kong).

For solar projects BPath Energy offers products in combination with Victron inverters/chargers. Since early 2019 BPath Energy is dealer of Victron.

BPath sells via [web shop](#) or costumers find me on the internet and contact me by mail. BPath has its own [YouTube channel](#), which increases its visibility. It is my goal to offer high quality products complementary to the BPath module controller, such as fuses, fuse holders, cables, cable lugs etc.

Most web shop customers have bought batteries from e.g. BMW I3, Mitsubishi Outlander, Tesla model S/X. They have good general technical knowledge and decide to complement their purchase with knowledge and high quality products from BPath Energy. BPath Energy closes the gap between the unknown aspects of the high quality vehicle batteries and all issues which need attention to use them in storage applications.

The [web page](#) and [YouTube channel](#) offer the customer information that contributes to the safe use of these batteries (FAQ & YouTube channel). On the web page products can be bought that support to this.

History and future

A few years ago I started to think about the (re) use of Tesla batteries in particular. This brand and especially the battery technology fascinated me immensely as an energy technician. I managed to purchase my first batteries in 2018. Some I sold as a whole, the others I took apart and sold the separate modules.

I dived into the world of battery management systems and discovered that there were a few players in this area. After studying these systems and applying some of them, I developed a BMS according to my vision, which includes a simplified installation, thoroughly tested functionality and integration with Victron. Together with an electronics and software developer a well-functioning and safe plug & play BMS (module controller) was designed.

I also developed a housing for one or more batteries with space for the required electronics and BMS, which is modular and flexible.

For me, doing business means looking at the future and developing.

At the moment solutions for small to medium businesses in the range of 20-100 kWh inverter capacity and 50-300 kWh storage capacity are developed based on Tesla model 3 battery packs.

In addition, I am looking for a suitable range of wind generators. These wind generators must also be reliable and compatible with (Tesla) batteries and complement the product range.