

Customized rack systems



Your challenge. Our solution.

When specifying and building your power rack, we become a team: in close cooperation, we understand exactly what you need and implement your demands perfectly.

We provide tailor-made, programmable power supplies for projects in the automotive, laser, solar, railway, industrial, aerospace and research & development sectors. When manufacturing your rack system, we carefully look at the specifications together with you: Your application defines the details of the solution.

We design and manufacture your power rack system.

Your individual application defines the requirement - we find the optimal solution: a composition of power supply, modifications, accessories and software features and functional wishes/preferences/desires.

Our Rack-Check

CHECK LIST

- ✓ Application analysis
(definition of power supply/load)
- ✓ Mechanical construction
- ✓ Design options
- ✓ Connection options, cooling,
interfaces, cable colours
- ✓ Protection class
- ✓ Safety components
- ✓ Accessories (signal lights, wheels,
PC, monitor)
- ✓ Controlling, labelling, unit placement



Flexible systematic: Step by step to the rack

**Structured and forward thinking, we go with you
step by step to reach the perfect rack.
We plan, advise, design, deliver and support.**

Development

1 We take your wishes, understand the requirements of your application and establish the necessary basic characteristics of the power supplies, modifications, accessories or software features.

Security level

2 We design the rack system according to the security level you require and select the components accordingly. Optionally, we provide you with a performance level calculation according to the standard with a detailed report.

Mechanical construction

3 The components and safety regulations defines the general conditions for the mechanical construction. At this point, we specify your wishes regarding the design and positioning of the inputs and outputs, displays and signal lights, control connections and individual labelling.

Manufacturing

4 We produce individually and use various manufacturing methods such as front milling and laser marking, if desired in your corporate design.

Four-eye principle

5 Your rack system will be assembled by our highly trained staff and then subjected to a careful quality control. One aspect is the individual inspection based on the dual control principle, which we will gladly carry out in your presence.

Transport

6 Transport is subject to the highest quality standards, guaranteed by our logistics department.

Support

7 We are your partner and will look after you and your rack system throughout the entire operating period with passion and know-how from our support and service staff.



**Contact us!
Together we configure
your rack based on
your requirements.**

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Examples of successfully realized projects

We really enjoy complex requirements!

From electro mobility applications (e.g. battery simulation, battery tester, OBC tester), research projects (e.g. smart grid), PV simulation photovoltaics (e.g. PV panel simulation, grid simulators for testing inverters), component tests to industrial applications - we will be your partner for power rack systems.

