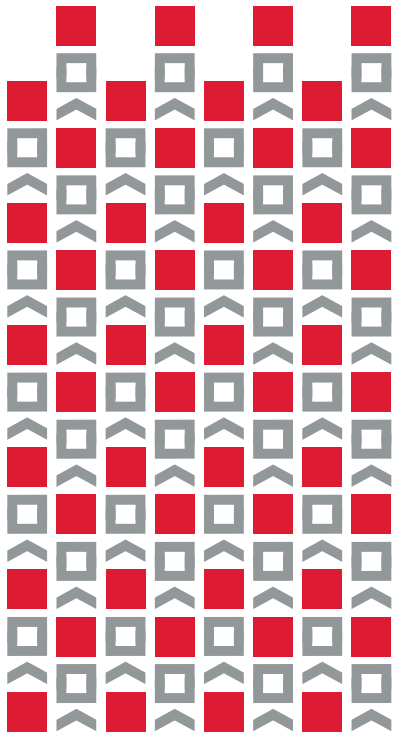


Design house for Power electronics and Motor drives



About us

EK Power Solutions is a leading design house of power electronics and PCB-layouts. We have delivered design services since 1978. Our business model allows you to out-source your projects to a competent partner that only charges for hours spent on the project. We mainly work in our own premises using a very experienced team.

- › We deliver design services within: Power electronics, Motor drives, Battery charging, Power supplies, EMC investigations, PCB-layouts

Why choose EK Power Solutions:

- We make a custom design solution that is cost-optimized for your application. We always look for the best overall system solution
- We have a modern and well-equipped electronics lab and efficient development tools to verify the product against its specification
- Our team of 21 experts have an average experience of more than 20 years in power electronics designs
- We focus on high-efficiency power electronics and have good experience using SiC and GaN components
- We are experts on EMC, electrical safety, standards, certification and e.g. thermal design aspects
- Our way of working enables us to reuse previously proven design solutions. This decreases the risks in the development work, shorten the development time and provide affordable results
- We manage the whole project from pre-study to product support. An experienced Project Manager is assigned to your project
- As a customer, you have access to our entire team and our entire collective experience



Full-service commitment and manufacturing

Our comprehensive commitment ensures that we will be there during every stage of the development – from idea to finished product. This commitment includes mechanical design, software and cabling.

We are always there for our customers after project completion - for product maintenance and support. LTB or EOL component issues? You can count on our support!

As a customer you have full ownership of the design and the complete manufacturing documentation. This allows you to outsource the production to an EMS-supplier of your own choice and exercise complete cost control. We are happy to share our extensive network of reliable electronics manufacturers with you. We can also assist with start of production at your manufacturer of choice.

EK Power Solutions can also take full responsibility for series production including warranty.

Our design commitments

Working at a high level of commitment, we pledge to develop quality products that will be of long-term benefit for our customers.

A custom design solution made by EK Power Solutions should be characterised by the following:

- › Have a robust and reliable design
- › Have a very low field failure rate
- › Be energy-efficient
- › Have a smart system design and be optimised from a system perspective
- › Have first-class manufacturing documentation



References



“We’ve found an outstanding partner for power electronics design in EK Power Solutions. No challenge is too great for them, and their services always provide us with added value.”

Per Carlsson,
Global technology owner of
electronics modules, ABB Robotics



“For many years we have had a very good cooperation with EK Power Solutions. They have helped us with everything from complete power electronics and circuit board layouts to EMC-investigations and troubleshooting. For us, it has also been valuable in an early stage to discuss technical ideas and suggestions. We appreciated EK Power Solutions especially for their high level of expertise, solid experience and great accuracy.”

Erik Baker,
Group Manager Electronics Design,
R&D Atlas Copco

Contact

Vidar Wernöe
CEO
+46 (0)8 446 56 15
vidar.werno@ekpower.se

Per Jennel
Sales Manager
+46 (0)8 446 56 10
per.jennel@ekpower.se

Henrik Sennerö
Development Manager
+46 (0)8 446 56 16
henrik.sennero@ekpower.se

EK Power Solutions AB
Rinkebyvägen 19B
182 36 Danderyd, Sweden
+46 (0)8 446 56 00, www.ekpower.se

