



We help you to improve your product in order to increase the satisfaction of your customers and to improve your reputation sustainably.

We are specialized in the analysis of critical points of electrical assemblies and components as well as the lifetime analysis of power electronics in various industrial applications.

We offer the following services:

- MTBF
- Lifetime calculation
- Efficiency measurement
- Usability, fit for use
- IR Thermography
- Weak-point analysis
- Compliance with customer specifications

We find the weak points of your product to keep failures and defects low and to increase the lifetime of your product. We will help you to improve your product in order to increase customer satisfaction and enhance your reputation permanently. This initial investment will have a lasting influence on your return of investment.

Analysis of lifetime and reliability

We calculate the lifetime and reliability of power electronics and thus enable you to determine the lifetime of your inverter.

MTBF

With the help of MTBF calculations, we determine the mean time between failures of your product. We measure specific characteristics such as temperature, currents and voltages.

To reflect MTBF times of PV applications as realistic as possible, we incorporate power and sun curves into our calculations.

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