

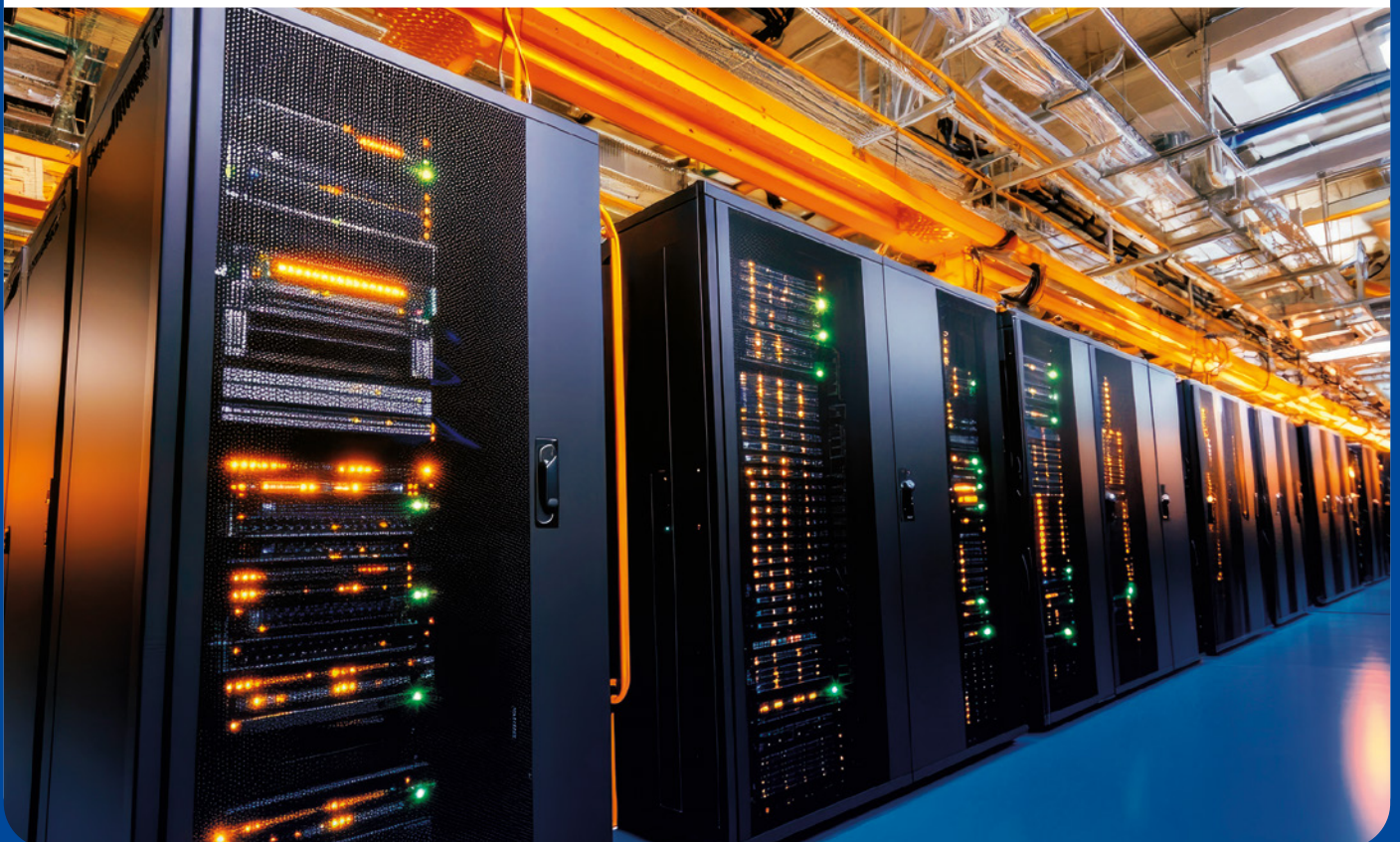
POWERING THE FUTURE OF AI

iBIT® TRANSFORMERS FROM SGB

Customized transformers for your data center.
Efficient, AI-ready, and protected by state-of-the-art
iBIT® technology.

ALWAYS CUSTOMIZED SOLUTIONS – TAILORED PRECISELY TO YOUR NEEDS

As an experienced manufacturer, we develop transformers that are designed and manufactured precisely to meet your requirements. This means you always get a solution that not only impresses technically but also fits your application perfectly.



iBIT®-TECHNOLOGY – THE STATE-OF-THE-ART SGB CONCEPT

**MORE PROTECTION.
FEWER FAILURES.
HIGHER EFFICIENCY.**

This innovative technology reliably protects cast resin transformers from transient overvoltages caused by switching operations, without the need for additional RC protection circuitry. iBIT® technology reduces electrical overload in the primary windings of SGB cast resin transformers. Damage within the winding due to transient overvoltages during switching operations is thus avoided.

AI ready – transformers for demanding load cycles:

AI applications place the highest demands on the power supply – especially on load cycles. Our iBIT® transformers are specially designed for these challenges and are a great solution for the demanding data center market. Based on your application, specifications and other requirements, we design a powerful, customized solution for you that is optimally tailored to your AI data center.



Your advantages at a glance:

- **Lower costs:** Efficient solution, as no external RC protection circuitry is required.
- **Less risk:** No dangerous series resonances occur within the transformer design up to a frequency range of 100 kHz, which reduces the risk of transformer failure.
- **Innovative:** Innovative transformer design with a double-layer concept enables optimal resonance shift to higher frequency ranges.
- **Simple:** Our design minimizes transient overvoltages directly in the windings and achieves this effect without external add-on parts.
- **Higher availability:** iBIT® technology ensures longer, uninterrupted operating time for your power supply system thanks to low risk of faults and damage.
- **Indispensable for global players:** Hundreds of iBIT® transformers are already in use at countless locations worldwide to ensure maximum supply reliability

STARKSTROM-GERÄTEBAU GMBH

Ohmstraße 10 • 93055 Regensburg
Germany

Phone +49 941 7841-0
Fax +49 941 7841-439
Email sgb@sgb-smit.group

www.sgb-smit.com