

QDTB® TRANSFORMER

JBK6

Single Phase Transformers

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
qdtb-transformer.com · Alice@qdtb-transformer.com

JBK6 — Series Overview

The JBK6 series represents the latest generation machine tool transformers with superior performance, compact size, and enhanced safety features.

Key Features

- Latest generation design
- Ultra-compact form factor
- Built-in thermal protection
- CE certified for European markets

Typical Applications

- Advanced CNC systems
- Industrial robotics
- Laser cutting machines
- Precision measuring equipment

Model Number Breakdown

- J — Machine tool
- B — Transformer
- K — Control
- 6 — Generation 6

Model Specifications

11 model(s) in the JBK6 series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Capacity	Input Voltage	Output Voltage	Frequency	Efficiency	Temp. Rise Limit	Impedance Voltage	Insulation Class	Weight (kg) †	Dimensions (L×W×H) †
JBK6-100VA	100 VA	≤1000V	Custom	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-200VA	200 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-300VA	300 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-400VA	400 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-500VA	500 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-630VA	630 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-800VA	800 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-1000VA	1000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-1500VA	1500 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-2000VA	2000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK6-3000VA	3000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

Standards & Certification

ISO 9001 Certified — Quality Management System
CE marking — available on selected models
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

Note: Certification details and test reports are provided upon request for the specific model and destination market.

Inquiry & Contact

Website	https://qdtb-transformer.com
Email	Alice@qdtb-transformer.com
WhatsApp	+86 13698683193
Phone	+86 13698683193
Address	No. 50, Jifa Longshan Road, Environmental Protection Industrial Park, Jimo District, Qingdao, Shandong, China

QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.