

QDTB® TRANSFORMER

JY

Single Phase Transformers

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
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JY — Series Overview

JY transformers step down 380 V to 36 V safe voltage for machine, inspection and workshop lighting, 1-30 kVA.

Key Features

- Steps down to 36 V safe voltage for lighting
- 1-30 kVA for machine and inspection lighting
- High inrush capacity for halogen loads
- Robust for workshop environments

Typical Applications

- Industrial power systems
- Commercial buildings
- Infrastructure projects

Model Specifications

10 model(s) in the JY 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) †
JY-1KVA	1000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-2KVA	2000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-3KVA	3000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-5KVA	5000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-8KVA	8000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-10KVA	10000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-15KVA	15000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-20KVA	20000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-30KVA	30000 VA	380V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JY-50KVA	50000 VA	380V	36V	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

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