

QDTB® TRANSFORMER

HV-cast

Single Phase Transformers

PRODUCT DATASHEET

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HV-cast — Series Overview

HV cast-resin transformers step down 10 kV to 0.4 kV for auxiliary power supply. 30-200 kVA, fire-safe cast-resin construction.

Key Features

- Cast-resin insulation for 10 kV medium voltage
- 30-200 kVA for auxiliary power supply
- Fire-safe and maintenance-free
- High insulation to IEC standards

Typical Applications

- Industrial power systems
- Commercial buildings
- Infrastructure projects

Model Specifications

6 model(s) in the HV-cast 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) †
HVCR-30KVA	30 kVA	10kV	0.4kV	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	325 kg	730×570×1030 mm
HVCR-50KVA	50 kVA	10kV	0.4kV	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	470 kg	850×650×1150 mm
HVCR-80KVA	80 kVA	10kV	0.4kV	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	670 kg	970×710×1240 mm
HVCR-100KVA	100 kVA	10kV	0.4kV	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	800 kg	1050×750×1300 mm
HVCR-150KVA	150 kVA	10kV	0.4kV	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	1060 kg	1125×825×1375 mm
HVCR-200KVA	200 kVA	10kV	0.4kV	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	1300 kg	1200×900×1450 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.