QDTB® TRANSFORMER

High-Current

Special/Isolation/Control Transformers

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
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High-Current — Series Overview

The HCG series high current rectifier transformers deliver the low-voltage, high-current output required for rectifier and electroplating applications. Dry-type construction with Class F insulation provides reliable, maintenance-friendly power conversion.

Key Features

- Low-voltage high-current output
- Designed for rectifier duty
- Class F insulation, dry-type construction
- Stable operation under continuous load

Typical Applications

- Rectifier power supplies
- Electroplating and anodizing
- Electrolysis processes
- Industrial DC power conversion

Model Number Breakdown

HC — High current

G — Rectifier / galvanizing

Model Specifications

7 model(s) in the High-Current series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Capacity	HV Voltage	LV Voltage	Cooling	Impedance (%)	Standard	Weight (kg) †	Dimensions (L×W×H) †
HCG-5KVA	5	0.38 kV	0.05 kV	AN	3	GB/T 1094, IEC 60076	30 kg	220×190×230 mm
HCG-10KVA	10	0.38 kV	0.05 kV	AN	3	GB/T 1094, IEC 60076	55 kg	280×240×290 mm
HCG-15KVA	15	0.38 kV	0.05 kV	AN	3	GB/T 1094, IEC 60076	75 kg	320×270×320 mm
HCG-20KVA	20	0.38 kV	0.05 kV	AN	3	GB/T 1094, IEC 60076	90 kg	350×300×350 mm
HCG-30KVA	30	0.38 kV	0.05 kV	AN	3	GB/T 1094, IEC 60076	130 kg	400×340×390 mm
HCG-50KVA	50	0.38 kV	0.05 kV	AN	3	GB/T 1094, IEC 60076	200 kg	450×380×450 mm
HCG-100KVA	100	0.38 kV	0.05 kV	AN	3	GB/T 1094, IEC 60076	350 kg	550×460×550 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.