

QDTB® TRANSFORMER

HF-High-Power

Special/Isolation/Control Transformers

PRODUCT DATASHEET

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

The HFPT series high frequency high power transformers are engineered for inverter and switching power applications, delivering efficient power conversion at high frequencies. Compact dry-type construction with Class F insulation suits modern power electronics systems.

Key Features

- Optimized for high-frequency operation
- High power density in compact size
- Class F insulation, dry-type construction
- Low losses for efficient conversion

Typical Applications

- Inverter power conversion
- Switching power supplies
- High-frequency power electronics
- Renewable energy converters

Model Number Breakdown

HF — High frequency

P — Power

T — Transformer

Model Specifications

6 model(s) in the HF-High-Power 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) †
HFPT-5KW	5	0.38 kV	0.11 kV	AN	5	GB/T 1094, IEC 60076	30 kg	220×190×230 mm
HFPT-10KW	10	0.38 kV	0.12 kV	AN	5	GB/T 1094, IEC 60076	55 kg	280×240×290 mm
HFPT-20KW	20	0.38 kV	0.13 kV	AN	5	GB/T 1094, IEC 60076	90 kg	350×300×350 mm
HFPT-30KW	30	0.38 kV	0.15 kV	AN	5	GB/T 1094, IEC 60076	130 kg	400×340×390 mm
HFPT-50KW	50	0.38 kV	0.18 kV	AN	5	GB/T 1094, IEC 60076	200 kg	450×380×450 mm
HFPT-100KW	100	0.38 kV	0.25 kV	AN	5	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.