

QDTB® TRANSFORMER

Microwave

Single Phase Transformers

PRODUCT DATASHEET

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Microwave — Series Overview

Microwave oven transformers step up 220 V AC to 2100 V to drive the magnetron. 500-3000 W output for household and commercial microwave ovens.

Key Features

- High-voltage step-up to 2100 V for magnetron drive
- 500-3000 W output for household and commercial microwaves
- High-temperature insulation for oven environments
- Reliable arc-free winding construction

Typical Applications

- Industrial power systems
- Commercial buildings
- Infrastructure projects

Model Specifications

10 model(s) in the Microwave 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) †
MW-500W	500 W	220V AC	2100V	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-600W	600 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-700W	700 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-800W	800 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-900W	900 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-1000W	1000 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-1200W	1200 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-1500W	1500 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-2000W	2000 W	220V AC	2100V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
MW-3000W	3000 W	220V AC	2100V	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.