

QDTB® TRANSFORMER

LDY

DC Power Supplies

PRODUCT DATASHEET

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LDY — Series Overview

The LDY series precision DC power supplies provide highly stable and precise DC output for laboratory and industrial measurement applications.

Key Features

- High precision output regulation
- Low ripple and noise
- Digital metering display
- Programmable output

Typical Applications

- Laboratory testing
- Electronic component testing
- Research and development
- Quality control

Model Number Breakdown

L — Low

D — DC

Y — Precision

Model Specifications

24 model(s) in the LDY series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Efficiency	Protection	Standard	Weight (kg) †	Dimensions (L×W×H) †
LDY-100V-10A	1000 W	AC 220 V	0-100V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	600×400×1200 mm
LDY-100V-20A	2000 W	AC 220 V	0-100V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	600×400×1200 mm
LDY-200V-10A	2000 W	AC 220 V	0-200V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	600×400×1200 mm
LDY-300V-10A	3000 W	AC 220 V	0-300V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	700×500×1300 mm
LDY-200V-20A	4000 W	AC 220 V	0-200V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	12 kg	700×500×1300 mm
LDY-400V-10A	4000 W	AC 220 V	0-400V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	700×500×1300 mm
LDY-100V-50A	5000 W	AC 220 V	0-100V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	700×500×1300 mm
LDY-500V-10A	5000 W	AC 220 V	0-500V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	700×500×1300 mm
LDY-300V-20A	6000 W	AC 220 V	0-300V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	800×600×1400 mm
LDY-600V-10A	6000 W	AC 220 V	0-600V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	800×600×1400 mm
LDY-400V-20A	8000 W	AC 220 V	0-400V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	800×600×1400 mm
LDY-100V-100A	10000 W	AC 220 V	0-100V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	800×600×1400 mm
LDY-200V-50A	10000 W	AC 220 V	0-200V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	800×600×1400 mm
LDY-500V-20A	10000 W	AC 220 V	0-500V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	800×600×1400 mm
LDY-600V-20A	12000 W	AC 220 V	0-600V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-300V-50A	15000 W	AC 220 V	0-300V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-200V-100A	20000 W	AC 220 V	0-200V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-400V-50A	20000 W	AC 220 V	0-400V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Efficiency	Protection	Standard	Weight (kg) †	Dimensions (L×W×H) †
LDY-500V-50A	25000 W	AC 220 V	0-500V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-300V-100A	30000 W	AC 220 V	0-300V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-600V-50A	30000 W	AC 220 V	0-600V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-400V-100A	40000 W	AC 220 V	0-400V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-500V-100A	50000 W	AC 220 V	0-500V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 mm
LDY-600V-100A	60000 W	AC 220 V	0-600V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	800×600×1400 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.