

QDTB® TRANSFORMER

LDP

DC Power Supplies

PRODUCT DATASHEET

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LDP — Series Overview

The LDP series low voltage DC power supplies are designed for applications requiring stable low voltage DC output with high current capability.

Key Features

- Stable low voltage output
- High current capability
- Efficient switching topology
- Multiple output voltage options

Typical Applications

- Industrial process power
- Electroplating systems
- Battery charging
- Electrochemical processes

Model Number Breakdown

L — Low

D — DC

P — Power supply

Model Specifications

36 model(s) in the LDP 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) †
LDP-12V-50A	600 W	AC 220 V	0-12V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	4.5 kg	465×353×210 mm
LDP-18V-50A	900 W	AC 220 V	0-18V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	465×353×210 mm
LDP-12V-100A	1200 W	AC 220 V	0-12V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	2 kg	465×353×210 mm
LDP-24V-50A	1200 W	AC 220 V	0-24V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	2 kg	465×353×210 mm
LDP-18V-100A	1800 W	AC 220 V	0-18V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	465×353×210 mm
LDP-36V-50A	1800 W	AC 220 V	0-36V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	465×353×210 mm
LDP-12V-200A	2400 W	AC 220 V	0-12V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	465×353×210 mm
LDP-24V-100A	2400 W	AC 220 V	0-24V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	465×353×210 mm
LDP-60V-50A	3000 W	AC 220 V	0-60V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	465×353×210 mm
LDP-12V-300A	3600 W	AC 220 V	0-12V	300 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	12 kg	570×420×240 mm
LDP-18V-200A	3600 W	AC 220 V	0-18V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	12 kg	465×353×210 mm
LDP-36V-100A	3600 W	AC 220 V	0-36V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	12 kg	465×353×210 mm
LDP-24V-200A	4800 W	AC 220 V	0-24V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	465×353×210 mm
LDP-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	465×353×210 mm
LDP-18V-300A	5400 W	AC 220 V	0-18V	300 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	465×353×210 mm
LDP-12V-500A	6000 W	AC 220 V	0-12V	500 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	570×420×240 mm
LDP-60V-100A	6000 W	AC 220 V	0-60V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	570×420×240 mm
LDP-24V-300A	7200 W	AC 220 V	0-24V	300 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	570×420×240 mm

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Efficiency	Protection	Standard	Weight (kg) †	Dimensions (L×W×H) †
LDP-36V-200A	7200 W	AC 220 V	0-36V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	465×353×210 mm
LDP-18V-500A	9000 W	AC 220 V	0-18V	500 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	570×420×240 mm
LDP-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	570×420×240 mm
LDP-36V-300A	10800 W	AC 220 V	0-36V	300 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	570×420×240 mm
LDP-12V-1000A	12000 W	AC 220 V	0-12V	1000 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	670×515×250 mm
LDP-24V-500A	12000 W	AC 220 V	0-24V	500 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	570×420×240 mm
LDP-60V-200A	12000 W	AC 220 V	0-60V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	570×420×240 mm
LDP-18V-1000A	18000 W	AC 220 V	0-18V	1000 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	670×515×250 mm
LDP-36V-500A	18000 W	AC 220 V	0-36V	500 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	570×420×240 mm
LDP-60V-300A	18000 W	AC 220 V	0-60V	300 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	465×353×210 mm
LDP-100V-200A	20000 W	AC 220 V	0-100V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	570×420×240 mm
LDP-24V-1000A	24000 W	AC 220 V	0-24V	1000 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	670×515×250 mm
LDP-60V-500A	30000 W	AC 220 V	0-60V	500 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	570×420×240 mm
LDP-100V-300A	30000 W	AC 220 V	0-100V	300 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	465×353×210 mm
LDP-36V-1000A	36000 W	AC 220 V	0-36V	1000 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	670×515×250 mm
LDP-100V-500A	50000 W	AC 220 V	0-100V	500 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	570×420×240 mm
LDP-60V-1000A	60000 W	AC 220 V	0-60V	1000 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	670×515×250 mm
LDP-100V-1000A	100000 W	AC 220 V	0-100V	1000 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	670×515×250 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.