

QDTB® TRANSFORMER

LDK

DC Power Supplies

PRODUCT DATASHEET

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LDK — Series Overview

The LDK series industrial DC power supplies are ruggedized power sources for harsh industrial environments, providing reliable DC power for control systems and actuators.

Key Features

- Ruggedized industrial design
- Wide operating temperature range
- High reliability MTBF
- Conformal coated PCB

Typical Applications

- Industrial control systems
- Process automation
- Power plant instrumentation
- Marine applications

Model Number Breakdown

L — Low

D — DC

K — Industrial

Model Specifications

35 model(s) in the LDK 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) †
LDK-12V-10A	120 W	AC 220 V	0-12V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	1.5 kg	226×112×58 mm
LDK-12V-20A	240 W	AC 220 V	0-12V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	4.5 kg	310×210×70 mm
LDK-24V-10A	240 W	AC 220 V	0-24V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	4.5 kg	310×210×70 mm
LDK-36V-10A	360 W	AC 220 V	0-36V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	4.5 kg	310×210×70 mm
LDK-24V-20A	480 W	AC 220 V	0-24V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	4.5 kg	310×210×70 mm
LDK-48V-10A	480 W	AC 220 V	0-48V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	4.5 kg	310×210×70 mm
LDK-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	310×210×70 mm
LDK-60V-10A	600 W	AC 220 V	0-60V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	4.5 kg	310×210×70 mm
LDK-36V-20A	720 W	AC 220 V	0-36V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	350×145×120 mm
LDK-48V-20A	960 W	AC 220 V	0-48V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	350×145×120 mm
LDK-110V-10A	1100 W	AC 220 V	0-110V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	350×145×120 mm
LDK-12V-100A	1200 W	AC 220 V	0-12V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	350×145×120 mm
LDK-24V-50A	1200 W	AC 220 V	0-24V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	350×145×120 mm
LDK-60V-20A	1200 W	AC 220 V	0-60V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	6 kg	350×145×120 mm
LDK-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	450×225×155 mm
LDK-110V-20A	2200 W	AC 220 V	0-110V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-220V-10A	2200 W	AC 220 V	0-220V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-12V-200A	2400 W	AC 220 V	0-12V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm

Model	Rated Power	Input Voltage	Output Voltage	Output Current	Efficiency	Protection	Standard	Weight (kg) †	Dimensions (L×W×H) †
LDK-24V-100A	2400 W	AC 220 V	0-24V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-48V-50A	2400 W	AC 220 V	0-48V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-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	450×225×155 mm
LDK-36V-100A	3600 W	AC 220 V	0-36V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-220V-20A	4400 W	AC 220 V	0-220V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-24V-200A	4800 W	AC 220 V	0-24V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-48V-100A	4800 W	AC 220 V	0-48V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	11 kg	450×225×155 mm
LDK-110V-50A	5500 W	AC 220 V	0-110V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	485×400×150 mm
LDK-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	485×400×150 mm
LDK-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	485×400×150 mm
LDK-48V-200A	9600 W	AC 220 V	0-48V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	20 kg	485×400×150 mm
LDK-110V-100A	11000 W	AC 220 V	0-110V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	510×270×530 mm
LDK-220V-50A	11000 W	AC 220 V	0-220V	50 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	510×270×530 mm
LDK-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	510×270×530 mm
LDK-110V-200A	22000 W	AC 220 V	0-110V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	510×270×530 mm
LDK-220V-100A	22000 W	AC 220 V	0-220V	100 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	510×270×530 mm
LDK-220V-200A	44000 W	AC 220 V	0-220V	200 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	40 kg	510×270×530 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.