

QDTB® TRANSFORMER

Small-Switching

DC Power Supplies

PRODUCT DATASHEET

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Small-Switching — Series Overview

Compact switching mode DC power supplies for low-power industrial applications, featuring high efficiency and reliable performance in a small form factor.

Key Features

- Switching mode high efficiency
- Compact DIN rail mount design
- Wide input voltage range
- Short circuit and overload protection

Typical Applications

- Industrial automation
- LED lighting
- Telecommunications
- Security systems

Model Number Breakdown

Small — Compact form factor

Switching — Switching mode topology

Model Specifications

17 model(s) in the Small-Switching 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) †
PS-5V-5A	25 W	AC 220 V	5V	5 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.2 kg	86×58×33 mm
PS-5V-10A	50 W	AC 220 V	5V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.4 kg	159×98×42 mm
PS-12V-5A	60 W	AC 220 V	12V	5 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.15 kg	95×60×25 mm
PS-5V-20A	100 W	AC 220 V	5V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.6 kg	198×98×42 mm
PS-12V-10A	120 W	AC 220 V	12V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.7 kg	198×98×42 mm
PS-24V-5A	120 W	AC 220 V	24V	5 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.65 kg	198×98×42 mm
PS-36V-5A	180 W	AC 220 V	36V	5 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.65 kg	198×98×42 mm
PS-5V-40A	200 W	AC 220 V	5V	40 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.8 kg	200×110×49 mm
PS-12V-20A	240 W	AC 220 V	12V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.8 kg	200×110×49 mm
PS-24V-10A	240 W	AC 220 V	24V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.8 kg	200×110×49 mm
PS-48V-5A	240 W	AC 220 V	48V	5 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.4 kg	159×98×42 mm
PS-12V-30A	360 W	AC 220 V	12V	30 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	1 kg	215×115×51 mm
PS-36V-10A	360 W	AC 220 V	36V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.8 kg	200×110×49 mm
PS-12V-40A	480 W	AC 220 V	12V	40 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	1 kg	215×115×51 mm
PS-24V-20A	480 W	AC 220 V	24V	20 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	1 kg	215×115×51 mm
PS-48V-10A	480 W	AC 220 V	48V	10 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	0.7 kg	198×98×42 mm
PS-24V-30A	720 W	AC 220 V	24V	30 A	≥85%	Over-voltage, over-current, short-circuit	GB/T 17478, IEC 61204	1 kg	215×115×51 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.