



STOCK RANGES OF WIDE INPUT RANGE AC TO DC DIN RAIL SWITCHED-MODE POWER SUPPLIES FROM 120 WATTS TO 960 WATTS

- Wide input range of 180~550V two-wire (1ph or 2ph).
- Competitive prices and ex stock for immediate despatch.
- High quality and approved to UL, CUL, TUV, and CE.
- Ratings from 120 Watts to 480 Watts.
- Output voltages of 12V, 24V, and 48V DC.

EMC standards: EN 55011, EN 55022 Class B, EN 61000-4-2/3/4/5/6/8/11, EN 50204, EN 61000-6-2, EN 61204-3 Heavy Industrial Level.



WDR-240-24

A high quality and highly cost-effective range of wide input range DIN rail mountable switched-mode power supplies from 120W to 480W. These units are a special wide input range of 180~550V AC 2ph. All types are ex stock for immediate despatch, usually, on a next day delivery. Units are available in a variety of output voltages and approved to EN, UL, and CE. They are fully protected against overload, short circuit, and over voltage and have been subjected to a 100% full load burn-in test. All models have a built-in 'DC OK' relay contact and an LED indicator to signal 'power on'. Units have a DC output adjuster to increase the rated output voltage and are designed for a wide ambient temperature range of between -25° C to +70 °C. Safety standards are to EN and UL requirements and CE marking is standard. The power supplies within this range boast up to 94% efficiency and have a full 2 year warranty.

Reference	Wattage	Input Voltage	Output Voltage	Output V	Ripple &	Efficiency	Dimensions
WDR-120-12	120 Watt	180~550V AC 2ph 254~780V DC	12V DC 10.0A	+/- 1.5%	80mVp-p	88%	113.5 x 40.0 x 125.2
WDR-120-24	120 Watt	180~550V AC 2ph 254~780V DC	24V DC 5.0A	+/- 1.0%	80mVp-p	89%	113.5 x 40.0 x 125.2
WDR-120-48	120 Watt	180~550V AC 2ph 254~780V DC	48V DC 2.5A	+/- 1.0%	80mVp-p	89%	113.5 x 40.0 x 125.2
WDR-240-24	240 Watt	180~550V AC 2ph 254~780V DC	24V DC 10.0A	+/- 1.0%	120mVp-p	90%	113.5 x 63.0 x 125.2
WDR-240-48	240 Watt	180~550V AC 2ph 254~780V DC	48V DC 5.0A	+/- 1.0%	120mVp-p	90%	113.5 x 63.0 x 125.2
WDR-480-24	480 Watt	180~550V AC 2ph 254~780V DC	24V DC 20.0A	+/- 1.0%	100mVp-p	94%	128.5 x 85.5 x 125.2
WDR-480-48	480 Watt	180~550V AC 2ph 254~780V DC	48V DC 10.0A	+/- 1.0%	120mVp-p	94%	128.5 x 85.5 x 125.2

- TDR series of 3ph wide input range power supplies (2ph input also possible).
- Compact design with width from just 63 mm.
- Ex stock for immediate despatch.
- High efficiency up to 94.5%.
- Approved to UL 508 (Industrial Control Equipment).
- Ratings of 240W, 480W or 960W.
- Output voltages of 24V or 48V DC.
- Current sharing with 4 units up to 3,840 Watts in parallel.
- 100% full load burn-in test.
- Full 3 year warranty.



TDR-960-48

A range of four high quality and high efficiency DIN rail mountable switched-mode power supplies from 480W to 960W. These units have a special wide input range of 340~550V AC 3ph. Models ex stock and available with 24V and 48V DC output voltages. They are approved to UL 508 and IEC 60950-1 CB approved by SIQ. They are CE marked and they are fully protected against overload, short circuit, over voltage, and over temperature. The units have an LED indicator to signal 'power on' and a built-in 'DC OK' relay contact. To give a total power rating of up to 3.84kW, four units can be parallel connected to the output. Each unit has a DC output adjuster to increase the rated output voltage by up to 15% and all are subjected to a 100% full load burn-in test. Safety standards are to UL 508 requirements and CE marking is standard. Models are designed for a wide ambient temperature range of between -30 °C and +70 °C and all types have a full 3 year warranty.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions D x W x H (mm)
TDR-240-24	240 Watt	340~550V AC 3ph 480~780V DC	24V DC 10A	+/- 1.0%	100mVp-p	92.0%	113.5 x 63.0 x 125.2
TDR-240-48	240 Watt	340~550V AC 3ph 480~780V DC	48V DC 5A	+/- 1.0%	120mVp-p	92.0%	113.5 x 63.0 x 125.2
TDR-480-24	480 Watt	340~550V AC 3ph 480~780V DC	24V DC 20A	+/- 1.0%	150mVp-p	92.5%	125.2 x 85.5 x 128.5
TDR-480-48	480 Watt	340~550V AC 3ph 480~780V DC	48V DC 10A	+/- 1.0%	150mVp-p	93.0%	125.2 x 85.5 x 128.5
TDR-960-24	960 Watt	340~550V AC 3ph 480~780V DC	24V DC 40A	+/- 1.0%	180mVp-p	94.0%	150.0 x 110.0 x 125.0
TDR-960-48	960 Watt	340~550V AC 3ph 480~780V DC	48V DC 20A	+/- 1.0%	180mVp-p	94.5%	150.0 x 110.0 x 125.0