



# STOCK RANGES OF AC TO DC DIN RAIL MOUNTABLE SWITCHED-MODE POWER SUPPLIES FROM 45 WATTS (IN MOULDED CASES) TO 480 WATTS

- Competitive prices.
- High quality and approved to EN, UL, and CE.
- Complete with moulded case.
- Rated at 45 Watts.
- Wide input range of 85~240V AC 1ph.
- Output voltages of 5V, 12V, 15V, and 24V DC.
- EMC standards: EN 55022 Class B, EN 61000-3-2/3 (All), and EN 55024.
- Ambient temperature range from 0 °C to 45 °C.



DR-45-12

A high quality and highly cost-effective range of 45 Watt DIN rail mountable switched-mode power supplies in a moulded case. All units are ex stock and a variety of output voltages are available. They are approved to EN and UL and are CE marked. Models have universal inputs of 85~264V AC 1ph and all units are fully protected against overload, short circuit, and over voltage. The power supplies are subjected to a 100% full load burn-in test and possess a DC output adjuster to increase the rated output voltage. Each has an LED indicator to signal 'power on' and a full 3 year warranty for complete peace of mind after purchase.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x D x H (mm)
DR-45-05	45 Watt	85~264V AC 1ph 120~370V DC	5V DC 5.0A	+/- 2%	100mVp-p	72%	78 x 67 x 93
DR-45-12	45 Watt	85~264V AC 1ph 120~370V DC	12V DC 3.5A	+/- 1%	200mVp-p	77%	78 x 67 x 93
DR-45-15	45 Watt	85~264V AC 1ph 120~370V DC	15V DC 2.8A	+/- 1%	240mVp-p	77%	78 x 67 x 93
DR-45-24	45 Watt	85~264V AC 1ph 120~370V DC	24V DC 2.0A	+/- 1%	480mVp-p	80%	78 x 67 x 93

- Competitive prices and ex stock for immediate despatch.
- High quality and approved to UL, CUL, TUV, CB, and CE.
- Ratings from 75 Watts to 480 Watts with a wide input range.
- Output voltages of 12V, 24V, and 48V DC.

EMC standards: EN 55022 Class B, EN 61000-3-2/3, EN 61000-4-2/3/4/5/6/8/11, and EN 61000-6-2.



DR-75-12

A high quality and highly cost-effective ex stock range of DIN rail mountable switched-mode power supplies from 75W to 480W. These units are available with a variety of output voltages and are fully approved to UL, CUL, TUV, CB, and CE. They have universal inputs of 85~264V AC 1ph in 75W and 240W models. The 120W range is from 88~264V AC 1ph selected by a switch and the 480W units have inputs of either 180~264V AC 1ph or 90~264V AC 1ph. All units are fully protected against overload, short circuit, over voltage, and over temperature and have an LED 'power on' indicator. Each is subjected to a 100% full load burn-in test and meet the EN 505022 Class B, EN 61000-2-3/3, EN 61000-4-2/3/4/5/6/8/11, and EN 61000-6-2 safety standards. All models have a DC output adjuster to provide +10% of rated output voltage. They are designed for an ambient temperature range of between -10 °C and +60 °C (DR-75/120) or -20 °C and +70 (DRP-240/480) and have a full 3 year warranty for complete peace of mind after purchase.

Reference	Wattage	Input Voltage	Output Voltage and Current	Output V Tolerance	Ripple & Noise	Efficiency	Dimensions L x D x H (mm)
DR-75-12	75 Watt	85~264V AC 1ph 120~370V DC	12V DC 6.3A	+/- 2%	100mVp-p	76%	55.5 x 100.0 x 25.2
DR-75-24	75 Watt	85~264V AC 1ph 120~370V DC	24V DC 3.2A	+/- 1%	150mVp-p	80%	55.5 x 100.0 x 125.2
DR-75-48	75 Watt	85~264V AC 1ph 120~370V DC	48V DC 1.6A	+/- 1%	240mVp-p	81%	55.5 x 100.0 x 125.2
DR-120-12	120 Watt	88~132V / 176~264V AC 1ph 248~370V DC	12V DC 10.0A	+/- 2%	80mVp-p	80%	65.5 x 100.0 x 125.2
DR-120-24	120 Watt	88~132V / 176~264V AC 1ph 248~370V DC	24V DC 5.0A	+/- 1%	80mVp-p	84%	65.5 x 100.0 x 125.2
DR-120-48	120 Watt	88~132V / 176~264V AC 1ph 248~370V DC	48V DC 2.5A	+/- 1%	100mVp-p	85%	65.5 x 100.0 x 125.2
DRP-240-24	240 Watt	85~264V AC 1ph 120~370V DC	24V DC 10.0A	+/- 1%	80mVp-p	84%	125.5 x 100.0 x 125.2
DRP-240-48	240 Watt	85~264V AC 1ph 120~370V DC	48V DC 5.0A	+/- 1%	150mVp-p	85%	125.5 x 100.0 x 125.2
DRP-480-24	480 Watt	180~264V AC 1ph 254~370V DC	24V DC 20.0A	+/- 1%	120mVp-p	89%	227.0 x 100.0 x 125.2
DRP-480-48	480 Watt	180~264V AC 1ph 254~370V DC	48V DC 10.0A	+/- 1%	120mVp-p	89%	227.0 x 100.0 x 125.2
DRP-480S-24	480 Watt	90~132V / 180~264V AC 1ph 254~370V DC	24V DC 20.0A	+/- 1%	120mVp-p	89%	227.0 x 100.0 x 125.2
DRP-480S-48	480 Watt	90~132V / 180~264V AC 1ph 254~370V DC	48V DC 10.0A	+/- 1%	120mVp-p	89%	227.0 x 100.0 x 125.2