

# STOCK RANGE OF MINIATURE AC TO DC DIN RAIL MOUNTED SWITCHED-MODE POWER SUPPLIES FROM 10W TO 100W IN VARIOUS VOLTAGES

Competitive prices and ex stock delivery.

High quality, approved to EN, UL and CE.  
From 10 Watts up to 100 Watts.

Narrow profile optimising the space on the DIN rail.

Wide input range 85V~264V AC 1 phase.

Output voltages of 5V, 12V, 15V, 24V and 48V DC.

EMC standards EN 55022 Class B, EN 61000-3-2,3 (All), EN 55024.



A high quality, highly cost-effective range of DIN rail mounted switched-mode power supplies from 10W up to 100W. These units are a special narrow profile, they optimise the space on the DIN rail and are ex stock. All units are available in a variety of output voltages, they are approved to EN and UL and are CE marked. They have universal inputs and all units are fully protected against overload, short circuit and over voltage and have an LED 'power on' indicator. Each unit is subjected to a 100% full load burn-in test. All units have a DC output adjuster to increase the rated output voltage. Safety standards are to EN and UL requirements, CE marking is standard and they have a full 3 years warranty. The ambient temperature range from -15 to +50 deg C.

Reference	Watts	Input voltage	Output voltage and current	Load & Line regulation	Ripple & noise	Efficiency	Dimensions (mm) L x D x H
MDR-10-05	10 Watt	85~264V AC 1ph 120~370V DC	5V DC 2.0A	+/- 1%	80mV	77%	22.5 x 100 x 90
MDR-10-12	10 Watt	85~264V AC 1ph 120~370V DC	12V DC 0.8A	+/- 1%	120mV	81%	22.5 x 100 x 90
MDR-10-15	10 Watt	85~264V AC 1ph 120~370V DC	15V DC 0.6A	+/- 1%	120mV	81%	22.5 x 100 x 90
MDR-10-24	10 Watt	85~264V AC 1ph 120~370V DC	24V DC 0.4A	+/- 1%	150mV	84%	22.5 x 100 x 90
MDR-20-05	20 Watt	85~264V AC 1ph 120~370V DC	5V DC 3.0A	+/- 2%	80mV	76%	22.5 x 100 x 90
MDR-20-12	20 Watt	85~264V AC 1ph 120~370V DC	12V DC 1.67A	+/- 1%	120mV	80%	22.5 x 100 x 90
MDR-20-15	20 Watt	85~264V AC 1ph 120~370V DC	15V DC 1.34A	+/- 1%	120mV	81%	22.5 x 100 x 90
MDR-20-24	20 Watt	85~264V AC 1ph 120~370V DC	24V DC 1.0A	+/- 1%	150mV	84%	22.5 x 100 x 90
MDR-40-05	40 Watt	85~264V AC 1ph 120~370V DC	5V DC 6.0A	+/- 2%	80mV	78%	40 x 100 x 90
MDR-40-12	40 Watt	85~264V AC 1ph 120~370V DC	12V DC 3.33A	+/- 1%	120mV	86%	40 x 100 x 90
MDR-40-24	40 Watt	85~264V AC 1ph 120~370V DC	24V DC 1.7A	+/- 1%	150mV	88%	40 x 100 x 90
MDR-40-48	40 Watt	85~264V AC 1ph 120~370V DC	48V DC 0.83A	+/- 1%	200mV	88%	40 x 100 x 90
MDR-60-05	60 Watt	85~264V AC 1ph 120~370V DC	5V DC 10.0A	+/- 1.5%	80mV	78%	40 x 100 x 90
MDR-60-12	60 Watt	85~264V AC 1ph 120~370V DC	12V DC 5.0A	+/- 1%	120mV	86%	40 x 100 x 90
MDR-60-24	60 Watt	85~264V AC 1ph 120~370V DC	24V DC 2.5A	+/- 1%	150mV	88%	40 x 100 x 90
MDR-60-48	60 Watt	85~264V AC 1ph 120~370V DC	48V DC 1.25A	+/- 1%	200mV	87%	40 x 100 x 90
MDR-100-12	100 Watt	85~264V AC 1ph 120~370V DC	12V DC 7.5A	+/- 1%	120mV	85%	55 x 100 x 90
MDR-100-24	100 Watt	85~264V AC 1ph 120~370V DC	24V DC 4.0A	+/- 1%	150mV	86%	55 x 100 x 90
MDR-100-48	100 Watt	85~264V AC 1ph 120~370V DC	48V DC 2.0A	+/- 1%	200mV	88%	55 x 100 x 90

