



MINIATURE ENCLOSED SWITCHED-MODE POWER SUPPLIES FOR CHASSIS MOUNTING FROM 15 WATTS TO 150 WATTS

- RS series of economical switched-mode power supplies.
- Ratings from 15 Watts to 150 Watts.
- Various output voltages from 3.3V to 48V DC.
- Miniature size and high power density.
- High efficiency and reliability with long life expectancy.
- LED indicator to signal 'power on'.
- 100% full load burn-in test.
- Suitable for critical applications.
- UL, TUV, and EN approvals.
- CE marked.
- Full 3 year warranty.



RS-25-24

A high quality and highly cost-effective range of single-phase input switched-mode power supplies for chassis mounting from 15W to 150W. All units are available with a variety of output voltages and are fully protected against overload, short circuit, over temperature, and over voltage. They are approved to UL, TUV, and EN and are CE marked. Models have an LED indicator to signal 'power on' and have all been subjected to a 100% full load burn-in test. The units have a DC output adjuster to increase or decrease the rated output voltage by 10%. DIN rail adaptors can be fitted to all units for ease of mounting to DIN rail. The RS series models are designed for a wide ambient temperature range of between -20 °C and +70 °C and can withstand a surge of 300V AC for 5 seconds without damage. All units come with 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 W x H (mm)
RS-15-3.3	15 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 3.00A	+/- 3%	80mVp-p	72%	62.5 x 51.0 x 28.0
RS-15-5	15 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 3.00A	+/- 2%	80mVp-p	77%	62.5 x 51.0 x 28.0
RS-15-12	15 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 1.30A	+/- 1%	120mVp-p	81%	62.5 x 51.0 x 28.0
RS-15-15	15 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 1.00A	+/- 1%	120mVp-p	81%	62.5 x 51.0 x 28.0
RS-15-24	15 Watt	85~264V AC 1ph 120~370V DC	24.0V DC 0.63A	+/- 1%	200mVp-p	82%	62.5 x 51.0 x 28.0
RS-15-48	15 Watt	85~264V AC 1ph 120~370V DC	48.0V DC 0.31A	+/- 1%	200mVp-p	82%	62.5 x 51.0 x 28.0
RS-25-3.3	25 Watt	88~264V AC 1ph 125~373V DC	3.3V DC 6.00A	+/- 3%	80mVp-p	73%	78.0 x 51.0 x 28.0
RS-25-5	25 Watt	88~264V AC 1ph 125~373V DC	5.0V DC 5.00A	+/- 2%	80mVp-p	78%	78.0 x 51.0 x 28.0
RS-25-12	25 Watt	88~264V AC 1ph 125~373V DC	12.0V DC 2.10A	+/- 1%	120mVp-p	81%	78.0 x 51.0 x 28.0
RS-25-15	25 Watt	88~264V AC 1ph 125~373V DC	15.0V DC 1.70A	+/- 1%	120mVp-p	83%	78.0 x 51.0 x 28.0
RS-25-24	25 Watt	88~264V AC 1ph 125~373V DC	24.0V DC 1.10A	+/- 1%	120mVp-p	86%	78.0 x 51.0 x 28.0
RS-25-48	25 Watt	88~264V AC 1ph 125~373V DC	48.0V DC 0.57A	+/- 1%	200mVp-p	85%	78.0 x 51.0 x 28.0
RS-35-3.3	35 Watt	88~264V AC 1ph 125~373V DC	3.3V DC 7.00A	+/- 3%	80mVp-p	76%	99.0 x 82.0 x 36.0
RS-35-5	35 Watt	88~264V AC 1ph 125~373V DC	5.0V DC 7.00A	+/- 2%	80mVp-p	80%	99.0 x 82.0 x 36.0
RS-35-12	35 Watt	88~264V AC 1ph 125~373V DC	12.0V DC 3.00A	+/- 1%	120mVp-p	84%	99.0 x 82.0 x 36.0
RS-35-15	35 Watt	88~264V AC 1ph 125~373V DC	15.0V DC 2.40A	+/- 1%	120mVp-p	86%	99.0 x 82.0 x 36.0
RS-35-24	35 Watt	88~264V AC 1ph 125~373V DC	24.0V DC 1.50A	+/- 1%	120mVp-p	88%	99.0 x 82.0 x 36.0
RS-35-48	35 Watt	88~264V AC 1ph 125~373V DC	48.0V DC 0.80A	+/- 1%	200mVp-p	88%	99.0 x 82.0 x 36.0
RS-50-3.3	50 Watt	88~264V AC 1ph 125~373V DC	3.3V DC 10.00A	+/- 3%	80mVp-p	78%	99.0 x 97.0 x 36.0
RS-50-5	50 Watt	88~264V AC 1ph 125~373V DC	5.0V DC 10.00A	+/- 2%	80mVp-p	83%	99.0 x 97.0 x 36.0
RS-50-12	50 Watt	88~264V AC 1ph 125~373V DC	12.0V DC 4.20A	+/- 1%	120mVp-p	84%	99.0 x 97.0 x 36.0
RS-50-15	50 Watt	88~264V AC 1ph 125~373V DC	15.0V DC 3.40A	+/- 1%	120mVp-p	86%	99.0 x 97.0 x 36.0
RS-50-24	50 Watt	88~264V AC 1ph 125~373V DC	24.0V DC 2.20A	+/- 1%	120mVp-p	88%	99.0 x 97.0 x 36.0
RS-50-48	50 Watt	88~264V AC 1ph 125~373V DC	48.0V DC 1.10A	+/- 1%	200mVp-p	89%	99.0 x 97.0 x 36.0
RS-75-3.3	75 Watt	88~264V AC 1ph 125~373V DC	3.3V DC 15.00A	+/- 3%	80mVp-p	75%	129.0 x 97.0 x 38.0
RS-75-5	75 Watt	88~264V AC 1ph 125~373V DC	5.0V DC 12.00A	+/- 2%	80mVp-p	79%	129.0 x 97.0 x 38.0
RS-75-12	75 Watt	88~264V AC 1ph 125~373V DC	12.0V DC 6.00A	+/- 1%	120mVp-p	84%	129.0 x 97.0 x 38.0
RS-75-15	75 Watt	88~264V AC 1ph 125~373V DC	15.0V DC 5.00A	+/- 1%	120mVp-p	86%	129.0 x 97.0 x 38.0
RS-75-24	75 Watt	88~264V AC 1ph 125~373V DC	24.0V DC 3.20A	+/- 1%	120mVp-p	88%	129.0 x 97.0 x 38.0
RS-75-48	75 Watt	88~264V AC 1ph 125~373V DC	48.0V DC 1.60A	+/- 1%	200mVp-p	89%	129.0 x 97.0 x 38.0
RS-100-3.3	100 Watt	88~264V AC 1ph 125~373V DC	3.3V DC 20.00A	+/- 3%	80mVp-p	74%	159.0 x 97.0 x 38.0
RS-100-5	100 Watt	88~264V AC 1ph 125~373V DC	5.0V DC 16.00A	+/- 2%	80mVp-p	77%	159.0 x 97.0 x 38.0
RS-100-12	100 Watt	88~264V AC 1ph 125~373V DC	12.0V DC 8.50A	+/- 1%	120mVp-p	81%	159.0 x 97.0 x 38.0
RS-100-15	100 Watt	88~264V AC 1ph 125~373V DC	15.0V DC 7.00A	+/- 1%	120mVp-p	82%	159.0 x 97.0 x 38.0
RS-100-24	100 Watt	88~264V AC 1ph 125~373V DC	24.0V DC 4.50A	+/- 1%	120mVp-p	84%	159.0 x 97.0 x 38.0
RS-100-48	100 Watt	88~264V AC 1ph 125~373V DC	48.0V DC 2.30A	+/- 1%	200mVp-p	84%	159.0 x 97.0 x 38.0
RS-150-3.3	150 Watt	115V AC / 230V AC 1ph by switch	3.3V DC 30.00A	+/- 3%	80mVp-p	74%	199.0 x 98.0 x 38.0
RS-150-5	150 Watt	115V AC / 230V AC 1ph by switch	5.0V DC 26.00A	+/- 2%	80mVp-p	78%	199.0 x 98.0 x 38.0
RS-150-12	150 Watt	115V AC / 230V AC 1ph by switch	12.0V DC 12.50A	+/- 1%	120mVp-p	83%	199.0 x 98.0 x 38.0
RS-150-15	150 Watt	115V AC / 230V AC 1ph by switch	15.0V DC 10.00A	+/- 1%	120mVp-p	84%	199.0 x 98.0 x 38.0
RS-150-24	150 Watt	115V AC / 230V AC 1ph by switch	24.0V DC 6.50A	+/- 1%	120mVp-p	86%	199.0 x 98.0 x 38.0
RS-150-48	150 Watt	115V AC / 230V AC 1ph by switch	48.0V DC 3.30A	+/- 1%	200mVp-p	87%	199.0 x 98.0 x 38.0