



# ENCLOSED SWITCHED-MODE POWER SUPPLIES WITH PFC FOR CHASSIS MOUNTING FROM 500 WATTS TO 1,000 WATTS

RSP & PSP series of switched-mode power supplies.  
 Low profile design (RSP-500/750/1000).  
 Ratings from 500W to 1,000W.  
 Various output voltages from 3.3V to 48V DC.  
 Built-in active PFC function.  
 Forced air cooling by fan.  
 LED indicator to signal 'power on' and remote ON/OFF control.  
 UL, TUV, and EN approvals.  
 CE marked.  
 Full 3 year (RSP-500/700 and PSP-600) or  
 5 year (RSP-1000) warranty.



PSP-600-24

A high quality and highly cost-effective range of single-phase input chassis mountable switched-mode power supplies from 500W to 1,000W. 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 a DC output adjuster to increase or decrease the rated output voltage by 10%. The units are designed for a wide ambient temperature range of between -30 °C to +70 °C (RSP-500/750) or -20 °C and +60 °C (PSP-600 and RSP-1000). All types have a full 3 year (RSP-500/750 and PSP-600) or 5 year (RSP-1000) 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)
RSP-500-3.3	500 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 90.00A	+/- 2%	120mVp-p	81%	230.0 x 127.0 x 40.5
RSP-500-4	500 Watt	85~264V AC 1ph 120~370V DC	4.0V DC 90.00A	+/- 2%	120mVp-p	83%	230.0 x 127.0 x 40.5
RSP-500-5	500 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 90.00A	+/- 2%	150mVp-p	83%	230.0 x 127.0 x 40.5
RSP-500-12	500 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 41.70A	+/- 1%	150mVp-p	89%	230.0 x 127.0 x 40.5
RSP-500-15	500 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 33.34A	+/- 1%	150mVp-p	88%	230.0 x 127.0 x 40.5
RSP-500-24	500 Watt	85~264V AC 1ph 124~370V DC	24.0V DC 21.00A	+/- 1%	150mVp-p	89%	230.0 x 127.0 x 40.5
RSP-500-27	500 Watt	85~264V AC 1ph 124~370V DC	27.0V DC 18.60A	+/- 1%	200mVp-p	89%	230.0 x 127.0 x 40.5
RSP-500-48	500 Watt	85~264V AC 1ph 124~370V DC	48.0V DC 10.50A	+/- 1%	240mVp-p	90%	230.0 x 127.0 x 40.5
PSP-600-5	600 Watt	88~264V AC 1ph 124~370V DC	5.0V DC 80.00A	+/- 2%	180mVp-p	79%	170.0 x 120.0 x 93.0
PSP-600-12	600 Watt	88~264V AC 1ph 124~370V DC	12.0V DC 50.00A	+/- 1%	240mVp-p	84%	170.0 x 120.0 x 93.0
PSP-600-13.5	600 Watt	88~264V AC 1ph 124~370V DC	13.5V DC 44.50A	+/- 1%	240mVp-p	85%	170.0 x 120.0 x 93.0
PSP-600-15	600 Watt	88~264V AC 1ph 124~370V DC	15.0V DC 40.00A	+/- 1%	240mVp-p	85%	170.0 x 120.0 x 93.0
PSP-600-24	600 Watt	88~264V AC 1ph 124~370V DC	24.0V DC 25.00A	+/- 1%	240mVp-p	86%	170.0 x 120.0 x 93.0
PSP-600-27	600 Watt	88~264V AC 1ph 124~370V DC	27.0V DC 22.20A	+/- 1%	240mVp-p	86%	170.0 x 120.0 x 93.0
PSP-600-48	600 Watt	88~264V AC 1ph 124~370V DC	48.0V DC 12.50A	+/- 1%	300mVp-p	87%	170.0 x 120.0 x 93.0
RSP-750-5	750 Watt	90~264V AC 1ph 127~370V DC	5.0V DC 100.00A	+/- 2%	150mVp-p	82%	250.0 x 127.0 x 41.0
RSP-750-12	750 Watt	90~264V AC 1ph 127~370V DC	12.0V DC 62.50A	+/- 1%	150mVp-p	87%	250.0 x 127.0 x 41.0
RSP-750-15	750 Watt	90~264V AC 1ph 127~370V DC	15.0V DC 50.00A	+/- 1%	150mVp-p	89%	250.0 x 127.0 x 41.0
RSP-750-24	750 Watt	90~264V AC 1ph 127~370V DC	24.0V DC 31.30A	+/- 1%	150mVp-p	90%	250.0 x 127.0 x 41.0
RSP-750-27	750 Watt	90~264V AC 1ph 127~370V DC	27.0V DC 27.80A	+/- 1%	150mVp-p	90%	250.0 x 127.0 x 41.0
RSP-750-48	750 Watt	90~264V AC 1ph 127~370V DC	48.0V DC 15.70A	+/- 1%	150mVp-p	92%	250.0 x 127.0 x 41.0
RSP-1000-12	1,000 Watt	90~264V AC 1ph 127~370V DC	12.0V DC 60.00A	+/- 1%	150mVp-p	83%	295.0 x 127.0 x 41.0
RSP-1000-15	1,000 Watt	90~264V AC 1ph 127~370V DC	15.0V DC 50.00A	+/- 1%	150mVp-p	85%	295.0 x 127.0 x 41.0
RSP-1000-24	1,000 Watt	90~264V AC 1ph 127~370V DC	24.0V DC 40.00A	+/- 1%	150mVp-p	88%	295.0 x 127.0 x 41.0
RSP-1000-27	1,000 Watt	90~264V AC 1ph 127~370V DC	27.0V DC 37.00A	+/- 1%	150mVp-p	88%	295.0 x 127.0 x 41.0
RSP-1000-48	1,000 Watt	90~264V AC 1ph 127~370V DC	48.0V DC 21.00A	+/- 1%	150mVp-p	90%	295.0 x 127.0 x 41.0