

HRPG series of switched-mode power supplies.  
 Low profile design (HRPG-300/450).  
 Ratings from 300 Watts to 600 Watts.  
 Various output voltages from 3.3V to 48V.  
 High efficiency up to 89.5%.  
 Built-in active PFC function.  
 Forced air cooling by built-in DC fan.  
 Remote ON/OFF control.  
 UL, TUV, and EN approvals.  
 CE marked.  
 Full 3 year warranty.



HRPG-300-24

A high quality and highly cost-effective range of single-phase input switched-mode power supplies for chassis mounting from 300W to 600W. 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 standards and are CE marked. Models have a remote ON/OFF control and are designed for a wide ambient temperature range of  $-40^{\circ}\text{C}$  and  $+70^{\circ}\text{C}$ . The units can withstand a surge of 300V AC for 5 seconds without damage and all 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)
HRPG-300-3.3	300 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 60.0A	+/- 2.5%	80mVp-p	80.0%	199.0 x 105.0 x 41.0
HRPG-300-5	300 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 60.0A	+/- 2.0%	90mVp-p	82.0%	199.0 x 105.0 x 41.0
HRPG-300-7.5	300 Watt	85~264V AC 1ph 120~370V DC	7.5V DC 40.0A	+/- 2.0%	100mVp-p	86.0%	199.0 x 105.0 x 41.0
HRPG-300-12	300 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 27.0A	+/- 1.0%	120mVp-p	88.0%	199.0 x 105.0 x 41.0
HRPG-300-15	300 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 22.0A	+/- 1.0%	150mVp-p	88.0%	199.0 x 105.0 x 41.0
HRPG-300-24	300 Watt	85~264V AC 1ph 120~370V DC	24.0V DC 14.0A	+/- 1.0%	150mVp-p	87.0%	199.0 x 105.0 x 41.0
HRPG-300-36	300 Watt	85~264V AC 1ph 120~370V DC	36.0V DC 9.0A	+/- 1.0%	250mVp-p	88.0%	199.0 x 105.0 x 41.0
HRPG-300-48	300 Watt	85~264V AC 1ph 120~370V DC	48.0V DC 7.0A	+/- 1.0%	250mVp-p	89.0%	199.0 x 105.0 x 41.0
HRPG-450-3.3	450 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 90.0A	+/- 2.0%	80mVp-p	80.0%	218.0 x 105.0 x 41.0
HRPG-450-5	450 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 90.0A	+/- 2.0%	80mVp-p	83.0%	218.0 x 105.0 x 41.0
HRPG-450-7.5	450 Watt	85~264V AC 1ph 120~370V DC	7.5V DC 60.0A	+/- 2.0%	100mVp-p	86.5%	218.0 x 105.0 x 41.0
HRPG-450-12	450 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 37.5A	+/- 1.0%	120mVp-p	88.0%	218.0 x 105.0 x 41.0
HRPG-450-15	450 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 30.0A	+/- 1.0%	150mVp-p	89.0%	218.0 x 105.0 x 41.0
HRPG-450-24	450 Watt	85~264V AC 1ph 120~370V DC	24.0V DC 18.8A	+/- 1.0%	150mVp-p	88.0%	218.0 x 105.0 x 41.0
HRPG-450-36	450 Watt	85~264V AC 1ph 120~370V DC	36.0V DC 12.5A	+/- 1.0%	240mVp-p	89.0%	218.0 x 105.0 x 41.0
HRPG-450-48	450 Watt	85~264V AC 1ph 120~370V DC	48.0V DC 9.5A	+/- 1.0%	240mVp-p	89.5%	218.0 x 105.0 x 41.0
HRPG-600-3.3	600 Watt	85~264V AC 1ph 120~370V DC	3.3V DC 120.0A	+/- 2.0%	100mVp-p	78.5%	218.0 x 105.0 x 63.5
HRPG-600-5	600 Watt	85~264V AC 1ph 120~370V DC	5.0V DC 120.0A	+/- 2.0%	100mVp-p	82.0%	218.0 x 105.0 x 63.5
HRPG-600-7.5	600 Watt	85~264V AC 1ph 120~370V DC	7.5V DC 80.0A	+/- 2.0%	100mVp-p	87.0%	218.0 x 105.0 x 63.5
HRPG-600-12	600 Watt	85~264V AC 1ph 120~370V DC	12.0V DC 53.0A	+/- 1.0%	120mVp-p	88.0%	218.0 x 105.0 x 63.5
HRPG-600-15	600 Watt	85~264V AC 1ph 120~370V DC	15.0V DC 43.0A	+/- 1.0%	150mVp-p	88.0%	218.0 x 105.0 x 63.5
HRPG-600-24	600 Watt	85~264V AC 1ph 120~370V DC	24.0V DC 27.0A	+/- 1.0%	150mVp-p	88.0%	218.0 x 105.0 x 63.5
HRPG-600-36	600 Watt	85~264V AC 1ph 120~370V DC	36.0V DC 17.5A	+/- 1.0%	200mVp-p	89.0%	218.0 x 105.0 x 63.5
HRPG-600-48	600 Watt	85~264V AC 1ph 120~370V DC	48.0V DC 13.0A	+/- 1.0%	240mVp-p	89.0%	218.0 x 105.0 x 63.5