



ENCLOSED DC TO DC CONVERTERS FROM 200 WATTS TO 1,000 WATTS WITH SINGLE 5V TO 48V DC OUTPUT VOLTAGE

SD range of DC to DC converters.
 Rated from 200 Watts to 1,000 Watts.
 Single 5~48V DC output.
 Universal DC input: 2 to 1 wide input range (SD-200/350)
 or 4 to 1 wide input range (SD-500/1000).
 Short circuit, over voltage, overload,
 and over temperature protected.
 100% full load burn-in test.
 Built-in EMI filter ensuring low ripple noise.
 Full 2 year warranty.



SD-500H-48

A comprehensive range of DC to DC converters with various input ranges (see table). The units have a single output voltage of 5~48V DC and are short circuit, over voltage, overload, and over temperature protected. The SD-500 also features input polarity. The SD-200 types are cooled by free air convection whereas the SD-350/500/1000 types utilise forced air cooling by a built-in DC fan. All models have been subjected to a 100% full load burn-in test and possess a built-in EMC filter to ensure low ripple noise. The SD-500/1000 units are approved to TUV IEC 60950-1 CB with the SD-200D/300D approved to TUV EN 60950-1 CB standards. Models are CE marked and come with a full 2 year (SD-350/500) or 3 year warranty (SD-500/1000) for complete peace of mind after purchase.

Reference	Wattage	Input Voltage	Output Voltage and Current	Input / Output Isolation	Ripple & Noise	Efficiency	Dimensions L x W x H (mm)	Weight (kg)
SD-200B-5	200 Watt	19~36V DC	5V DC 34.0A	1,500V DC	100mVp-p	79%	215 x 115 x 50	0.65
SD-200B-12	200 Watt	19~36V DC	12V DC 16.7A	1,500V DC	120mVp-p	82%	215 x 115 x 50	0.65
SD-200B-24	200 Watt	19~36V DC	24V DC 8.4A	1,500V DC	150mVp-p	85%	215 x 115 x 50	0.65
SD-200B-48	200 Watt	19~36V DC	48V DC 4.2A	1,500V DC	200mVp-p	86%	215 x 115 x 50	0.65
SD-200C-5	200 Watt	36~72V DC	5V DC 40.0A	1,500V DC	100mVp-p	81%	215 x 115 x 50	0.65
SD-200C-12	200 Watt	36~72V DC	12V DC 16.7A	1,500V DC	120mVp-p	84%	215 x 115 x 50	0.65
SD-200C-24	200 Watt	36~72V DC	24V DC 8.4A	1,500V DC	150mVp-p	86%	215 x 115 x 50	0.65
SD-200C-48	200 Watt	36~72V DC	48V DC 4.2A	1,500V DC	200mVp-p	86%	215 x 115 x 50	0.65
SD-200D-5	200 Watt	72~144V DC	5V DC 40.0A	1,500V DC	100mVp-p	82%	215 x 115 x 50	0.65
SD-200D-12	200 Watt	72~144V DC	12V DC 16.7A	1,500V DC	120mVp-p	82%	215 x 115 x 50	0.65
SD-200D-24	200 Watt	72~144V DC	24V DC 8.4A	1,500V DC	150mVp-p	84%	215 x 115 x 50	0.65
SD-200D-48	200 Watt	72~144V DC	48V DC 4.2A	1,500V DC	200mVp-p	90%	215 x 115 x 50	0.65
SD-350B-5	350 Watt	19~36V DC	5V DC 57.0A	1,500V DC	100mVp-p	74%	215 x 115 x 50	1.10
SD-350B-12	350 Watt	19~36V DC	12V DC 27.5A	1,500V DC	120mVp-p	80%	215 x 115 x 50	1.10
SD-350B-24	350 Watt	19~36V DC	24V DC 14.6A	1,500V DC	150mVp-p	80%	215 x 115 x 50	1.10
SD-350B-48	350 Watt	19~36V DC	48V DC 7.3A	1,500V DC	200mVp-p	84%	215 x 115 x 50	1.10
SD-350C-5	350 Watt	36~72V DC	5V DC 60.0A	1,500V DC	100mVp-p	76%	215 x 115 x 50	1.10
SD-350C-12	350 Watt	36~72V DC	12V DC 27.5A	1,500V DC	120mVp-p	81%	215 x 115 x 50	1.10
SD-350C-24	350 Watt	36~72V DC	24V DC 14.6A	1,500V DC	150mVp-p	81%	215 x 115 x 50	1.10
SD-350C-48	350 Watt	36~72V DC	48V DC 7.3A	1,500V DC	200mVp-p	82%	215 x 115 x 50	1.10
SD-350D-5	350 Watt	72~144V DC	5V DC 60.0A	1,500V DC	100mVp-p	78%	215 x 115 x 50	1.10
SD-350D-12	350 Watt	72~144V DC	12V DC 29.2A	1,500V DC	120mVp-p	83%	215 x 115 x 50	1.10
SD-350D-24	350 Watt	72~144V DC	24V DC 14.6A	1,500V DC	150mVp-p	87%	215 x 115 x 50	1.10
SD-350D-48	350 Watt	72~144V DC	48V DC 7.3A	1,500V DC	200mVp-p	89%	215 x 115 x 50	1.10
SD-500L-12	500 Watt	19~72V DC	12V DC 40.0A	2,000V DC	150mVp-p	86%	215 x 115 x 50	1.15
SD-500L-24	500 Watt	19~72V DC	24V DC 21.0A	2,000V DC	150mVp-p	88%	215 x 115 x 50	1.15
SD-500L-48	500 Watt	19~72V DC	48V DC 10.5A	2,000V DC	150mVp-p	89%	215 x 115 x 50	1.15
SD-500H-12	500 Watt	72~144V DC	12V DC 40.0A	2,000V DC	150mVp-p	87%	215 x 115 x 50	1.15
SD-500H-24	500 Watt	72~144V DC	24V DC 21.0A	2,000V DC	150mVp-p	89%	215 x 115 x 50	1.15
SD-500H-48	500 Watt	72~144V DC	48V DC 10.5A	2,000V DC	150mVp-p	90%	215 x 115 x 50	1.15
SD-1000L-12	1,000 Watt	19~72V DC	12V DC 60.0A	2,000V DC	150mVp-p	84%	295 x 127 x 41	1.94
SD-1000L-24	1,000 Watt	19~72V DC	24V DC 40.0A	2,000V DC	150mVp-p	88%	295 x 127 x 41	1.94
SD-1000L-48	1,000 Watt	19~72V DC	48V DC 21.0A	2,000V DC	150mVp-p	90%	295 x 127 x 41	1.94
SD-1000H-12	1,000 Watt	72~144V DC	12V DC 60.0A	2,000V DC	150mVp-p	85%	295 x 127 x 41	1.94
SD-1000H-24	1,000 Watt	72~144V DC	24V DC 40.0A	2,000V DC	150mVp-p	89%	295 x 127 x 41	1.94
SD-1000H-48	1,000 Watt	72~144V DC	48V DC 21.0A	2,000V DC	150mVp-p	92%	295 x 127 x 41	1.94