



MEAN WELL SD-15 Series 15W Single Output DC-DC Converter Owner's Manual

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MEAN WELL SD-15 Series 15W Single Output DC-DC Converter



Features

- 2:1 wide input range
- Protections: Short circuit/Over load /Voltage
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Lowcost
- High reliability
- 2 years warranty

SPECIFICATION

Model	Output Voltage	Rated Current	Rated Power	Ripple & Noise (max.)	Voltage Adjustment Range	Voltage Tolerance	Line Regulation	Load Regulation	Setup, Rise, Hold Up Time	Voltage Range	Efficiency (Typ.)	DC Current (Typ.)	Overload Protection
SD-15A-05	5V	3A	15W	100mV p-p	0 ~ 3A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	9.2 ~ 18VDC	68%	1.9A/12VDC	105 ~ 160% rated output power
SD-15B-05	5V	1.25A	15W	120mV p-p	0 ~ 1.25A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	18 ~ 36VDC	76%	0.9A/24VDC	105 ~ 160% rated output power
SD-15C-05	5V	0.625A	15W	150mV p-p	0 ~ 0.625A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	36 ~ 72VDC	75%	0.45A/48VDC	105 ~ 160% rated output power
SD-15A-12	12V	1.25A	15W	120mV p-p	0 ~ 1.25A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	9.2 ~ 18VDC	72%	0.9A/24VDC	105 ~ 160% rated output power
SD-15B-12	12V	0.625A	15W	150mV p-p	0 ~ 0.625A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	18 ~ 36VDC	76%	0.45A/48VDC	105 ~ 160% rated output power
SD-15C-12	12V	0.625A	15W	150mV p-p	0 ~ 0.625A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	36 ~ 72VDC	79%	0.45A/48VDC	105 ~ 160% rated output power
SD-15A-24	24V	0.625A	15W	150mV p-p	0 ~ 0.625A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	9.2 ~ 18VDC	70%	0.45A/48VDC	105 ~ 160% rated output power
SD-15B-24	24V	0.625A	15W	150mV p-p	0 ~ 0.625A	+/- 10%	+/- 1%	+/- 1%	2.5s, 25ms,—	18 ~ 36VDC	77%	0.45A/48VDC	105 ~ 160% rated output power

Mechanical Specification

	MEAN WELL SD-15 Series 15W Single Output DC-DC Converter [pdf] Owner's Manual SD-15 Series 15W Single Output DC-DC Converter, SD-15 Series, 15W Single Output DC-DC Converter, Output DC-DC Converter, DC Converter, Converter
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References

- [MEAN WELL Switching Power Supply Manufacturer](#)