

# SD-15 Series

## 15 Watt DC/DC Power Supplies

**Mean Well**  
Industrial DC/DC Power Supplies

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**FEATURES:** Dimensions: 3.11 x 2.00 x 1.10"

- 2:1 wide input range
- Short circuit/Over load/Over voltage protection
- Built-in EMI filter, low ripple noise
- 100% Burn-in Test
- High reliability
- Designed to meet IEC60950-1 with CE Mark
- 2 Year Warranty

### INPUT SPECIFICATIONS:

INPUT VOLTAGE	9.2~18 / 18~36 / 36~72 VDC
EFFICIENCY	68~78% depending on output model
TRIM RANGE	4.75~5.5 / 10.8~13.2 / 21.6~26.4 VDC
REGULATION	±0.5% Maximum
LOAD REGULATION	±0.5% Maximum
OVER CURRENT	>105% of Iout max
OVER VOLTAGE	115-135%
SHORT CIRCUIT	Continuous
OPERATING TEMPERATURE	-10 ~ +60°C (see derating curve)
STORAGE TEMPERATURE	-20 ~ +85°C
COOLING	Convection
HUMIDITY	20-95% Non Condensing
VIBRATION	10-500Hz, 2G 10 Min / 1 Cycle / period, 60min x 3 axis
UL/CUL	60950-1 (Designed to meet)
CE MARK	Low Voltage Directive
EMISSIONS	EN55022 / CISPR 22 Class B

### MODELS:

MODELS:	INPUT:	OUTPUT(S):
SD-15A-05	9.2~18	5V (4.75 3.00A
SD-15A-12	9.2~18	12V 1.25A
SD-15A-24	9.2~18	24V 0.625A
SD-15B-05	18~36	5V (4.75 3.00A
SD-15B-12	18~36	12V 1.25A
SD-15B-24	18~36	24V 0.625A
SD-15C-05	36~72	5V (4.75 3.00A
SD-15C-12	36~72	12V 1.25A
SD-15C-24	36~72	24V 0.625A

### DOWNLOADS:

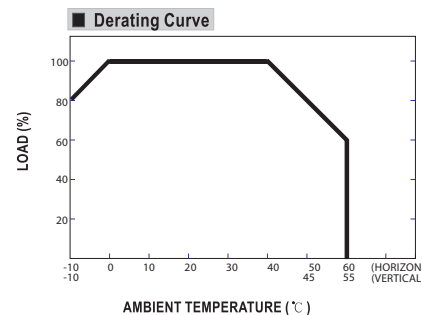
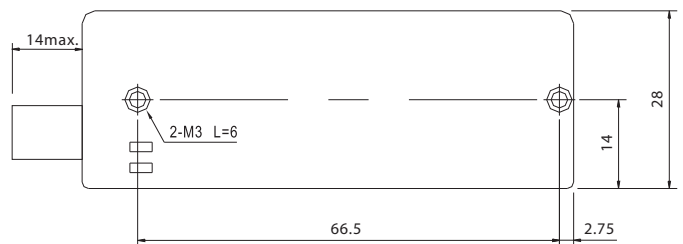
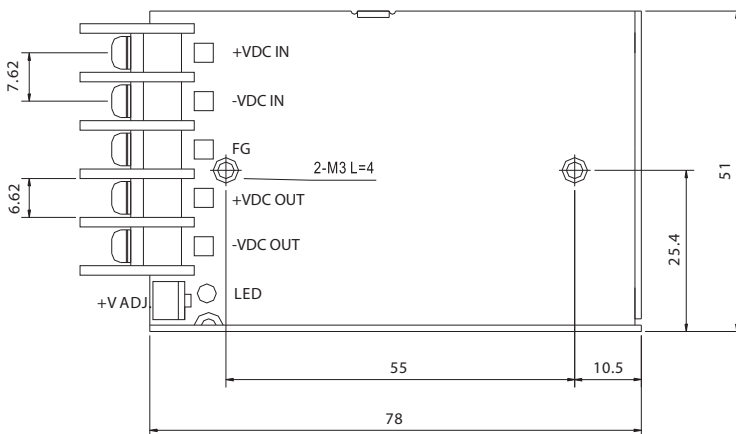
This datasheet:

<http://www.powergatellc.com/pdfs/SD-15.pdf>

Detailed Datasheet:

<http://www.meanwell.com/search/sd-15/sd-15-spec.pdf>

### OUTLINE DRAWING:



\* Specifications are subject to change without notice.