

# 200 Watt, SD Series, Fully Enclosed DC-DC Converter



- DC Inputs From 19 to 144 V
- Isolated Output
- Low Ripple, Built In Filter
- Protections, Short Circuit, Over Load, Over Voltage, Over Temperature
- High Reliability
- Adjustable Output
- Conformal Coating Option
- CE Marked
- DIN Rail Mounting Options

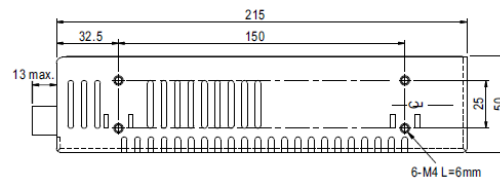
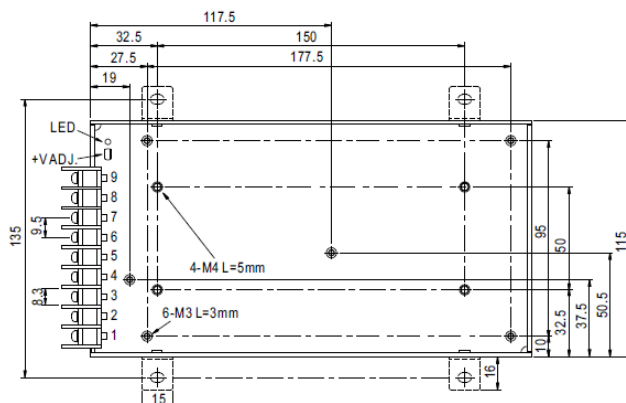


## Specification

Input Voltage	See table below (inputs from 19~144 VDC)
Output Voltage	See table below (plus adjustment range)
Line Regulation	+/-0.5% (max)
Load Regulation	+/-1% (max)
Over Load Protection	105~135% of rated output power
Over Voltage Protection	110~167% of nominal output voltage
Withstand Voltage	1.5 kVAC I/P~O/P
Working Temperature	-20~+60 °C (100% load to 40/50°C depending on model)
Safety Standards	Meets LVD requirements, (D input type TUV approved, SD-200C-24 model UL60950-1 approved)
EMC Standards	EN55022 class B, EN61000-4-2,3,4,6,8 ENV50204, light industrial level, criteria A

Model	Input Voltage (VDC)	Output Volts / Amps	Output Adjustment	Ripple & Noise	Efficiency
SD-200B-5	19~36	5 V / 34.0 A	4.5~5.5 V	100 mV	79%
SD-200B-12	19~36	12 V / 16.7 A	11~16 V	120 mV	82%
SD-200B-24	19~36	24 V / 8.4 A	23~30 V	150 mV	85%
SD-200B-48	19~36	48 V / 4.2 A	43~53 V	200mV	86%
SD-200C-5	36~72	5 V / 40.0 A	4.5~5.5 V	100 mV	81%
SD-200C-12	36~72	12 V / 16.7 A	11~16 V	120 mV	84%
SD-200C-24	36~72	24 V / 8.4 A	23~30 V	150 mV	86%
SD-200C-48	36~72	48 V / 4.2 A	43~53 V	200mV	86%
SD-200D-5	72~144	5 V / 40 A	4.5~5.5 V	100 mV	82%
SD-200D-12	72~144	12 V / 16.7 A	11~16 V	120 mV	82%
SD-200D-24	72~144	24 V / 8.4 A	23~30 V	150 mV	84%
SD-200D-48	72~144	48 V / 4.2 A	43~53 V	200mV	90%

## Mechanical Details (optional 4 x side fixing shown below)



Connection Details	
Terminal	Function
1	+ DC Input
2	- DC Input
3	Input Earth
4,5,6	- DC Output
7,8,9	+ DC Output

Specifications may change without notice, E&OE. ALL PSU Terms & Conditions apply.

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