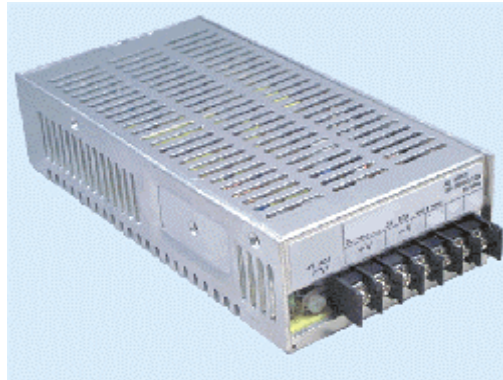


ALL PSU DATA SHEET.

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

- * DC Inputs From 19 to 144 V
- * Isolated Output
- * Low Ripple, Built In Filter
- * Protections, Short Circuit, Over Load, Over Volt, Over Temp.
- * High Reliability
- * Adjustable Output
- * Conformal Coating Option
- * CE Marked.
- * DIN Rail Mount Option



Size 215 x 115 x 50mm

Units In This Range Are Also Available From 25 To 350 Watts With Inputs Up To 144VDC

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% (AC recycle to re-start)
Over Voltage Protection	130~165% Of Nominal Output Voltage
Withstand Voltage	1.5KV I/P to O/P
Working Temperature	-20~+60°C (refer to derating curve)
Safety Standards	UL60950-1, TUV EN60950-1
EMC Standards	EN55022 class B, EN61000-4-2,3,4,6,8 ENV50204

Model	Input Voltage	Output Voltage	Output Adjustment	Ripple & Noise	Efficiency
SD-200B-5	19~36 VDC	5V / 40A	4.5~5.5 Volts	100mV	74%
SD-200B-12	19~36 VDC	12V / 16.7A	11~16 Volts	120mV	75%
SD-200B-24	19~36 VDC	24V / 8.4A	23~30 Volts	150mV	78%
SD-200B-48	19~36 VDC	48V / 4.2A	43~53 Volts	200mV	78%
SD-200C-5	36~72 VDC	5V / 40A	4.5~5.5 Volts	100mV	75%
SD-200C-12	36~72 VDC	12V / 16.7A	11~16 Volts	120mV	77%
SD-200C-24	36~72 VDC	24V / 8.4A	23~30 Volts	150mV	81%
SD-200C-48	36~72 VDC	48V / 4.2A	43~53 Volts	200mV	82%
SD-200D-5	72~144 VDC	5V / 40A	4.5~5.5 Volts	100mV	76%
SD-200D-12	72~144 VDC	12V / 16.7A	11~16 Volts	120mV	80%
SD-200D-24	72~144 VDC	24V / 8.4A	23~30 Volts	150mV	83%
SD-200D-48	72~144 VDC	48V / 4.2A	43~53 Volts	200mV	83%

*Further PCB Mounting Converters Are Available From 0.5 Watt To 500 Watts And Fully Enclosed, Chassis Or Rack Versions Are Available Up To 2400 Watts.
More Details Can Be Seen At www.allpsu.co.uk*

For full specification and mechanical details please contact ALL PSU sales office.
Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

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