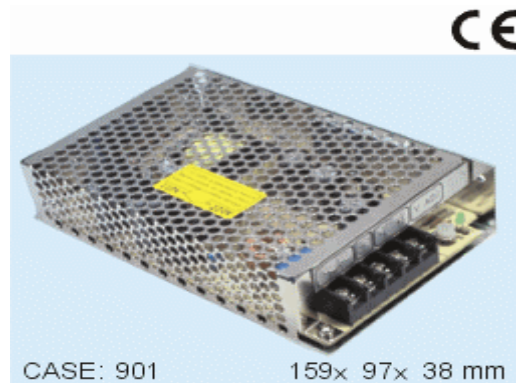


## ALL PSU DATA SHEET.

### 50 Watt Fully Enclosed DC-DC Converter, SD Series.

- \* DC Inputs From 9.2 to 72 V
- \* Isolated Output
- \* Low Ripple, Built In Filter
- \* Protections, Short Circuit, Over Load, Over Voltage.
- \* High Reliability
- \* Adjustable Output
- \* Conformal Coating Option
- \* CE Marked.
- \* DIN Rail Mounting Option



*This Range Are Also Available From 25 To 350 Watts With Inputs Up To 144 VDC.*

#### Specification.

Input Voltage	See Table Below, Inputs From 9.2~72 VDC
Output Voltage	See Table Below, Plus Adjustment Range
Line Regulation	+/-0.5% (max)
Load Regulation	+/-0.5% (max)
Over Load Protection	105~150% Pulsing Mode, Auto Recovery
Over Voltage Protection	115~165% Of Nominal Output Voltage
Withstand Voltage	500 VDC / 1.5KVAC I/P~O/P
Working Temperature	-10~+60°C (refer to derating curve)
Safety Standards	Meets LVD Requirements
EMC Standards	EN55022 class B, EN61000-4-2,3,4,6,8

Model	Input Voltage	Output Voltage	Output Adjustment	Ripple & Noise	Efficiency
<a href="#">SD-50A-5</a>	9.2~18 VDC	5V / 10A	4.5~5.5 Volts	100mV	70%
<a href="#">SD-50A-12</a>	9.2~18 VDC	12V / 4.2A	11~16 Volts	120mV	72%
<a href="#">SD-50A-24</a>	9.2~18 VDC	24V / 2.1A	23~30 Volts	150mV	74%
<a href="#">SD-50B-5</a>	19~36 VDC	5V / 10A	4.5~5.5 Volts	100mV	73%
<a href="#">SD-50B-12</a>	19~36 VDC	12V / 4.2A	11~16 Volts	120mV	75%
<a href="#">SD-50B-24</a>	19~36 VDC	24V / 2.1A	23~30 Volts	150mV	80%
<a href="#">SD-50C-5</a>	36~72 VDC	5V / 10A	4.5~5.5 Volts	100mV	76%
<a href="#">SD-50C-12</a>	36~72 VDC	12V / 4.2A	11~16 Volts	120mV	78%
<a href="#">SD-50C-24</a>	36~72 VDC	24V / 2.1A	23~30 Volts	150mV	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](http://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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