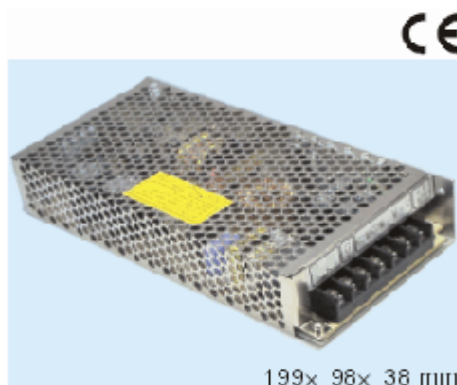


## 100 Watt Fully Enclosed DC-DC Converter, SD Series.

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



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

### 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	+/-0.5% (max)
Over Load Protection	105~135% 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	24 & 48 Volt I/P Units Meet LVD Requirements
EMC Standards	EN55022 class B, EN61000-4-2,3,4,6,8

Model	Input Voltage	Output Voltage	Output Adjustment	Ripple & Noise	Efficiency
SD-100B-5	19~36 VDC	5V / 20A	4.5~5.5 Volts	100mV	74%
SD-100B-12	19~36 VDC	12V / 8.5A	11~16 Volts	120mV	75%
SD-100B-24	19~36 VDC	24V / 4.2A	23~30 Volts	150mV	78%
SD-100C-5	36~72 VDC	5V / 20A	4.5~5.5 Volts	100mV	75%
SD-100C-12	36~72 VDC	12V / 8.5A	11~16 Volts	120mV	77%
SD-100C-24	36~72 VDC	24V / 4.2A	23~30 Volts	150mV	81%
SD-100D-5	72~144 VDC	5V / 20A	4.5~5.5 Volts	100mV	76%
SD-100D-12	72~144 VDC	12V / 8.5A	11~16 Volts	120mV	80%
SD-100D-24	72~144 VDC	24V / 4.2A	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.*