

## 350 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 Upwards 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
<a href="#">SD-350B-5</a>	19~36 VDC	5V / 57A	4.5~5.5 Volts	100mV	74%
<a href="#">SD-350B-12</a>	19~36 VDC	12V / 27.5A	11~16 Volts	120mV	75%
<a href="#">SD-350B-24</a>	19~36 VDC	24V / 14.6A	23~30 Volts	150mV	78%
<a href="#">SD-350B-48</a>	19~36 VDC	48V / 7.3A	43~53 Volts	200mV	79%
<a href="#">SD-350C-5</a>	36~72 VDC	5V / 60A	4.5~5.5 Volts	100mV	75%
<a href="#">SD-350C-12</a>	36~72 VDC	12V / 27.5A	11~16 Volts	120mV	77%
<a href="#">SD-350C-24</a>	36~72 VDC	24V / 14.6A	23~30 Volts	150mV	81%
<a href="#">SD-350C-48</a>	36~72 VDC	48V / 7.3A	43~53 Volts	200mV	82%
<a href="#">SD-350D-5</a>	72~144 VDC	5V / 60A	4.5~5.5 Volts	100mV	76%
<a href="#">SD-350D-12</a>	72~144 VDC	12V / 29.2A	11~16 Volts	120mV	80%
<a href="#">SD-350D-24</a>	72~144 VDC	24V / 14.6A	23~30 Volts	150mV	83%
<a href="#">SD-350D-48</a>	72~144 VDC	48V / 7.3A	43~53 Volts	200mV	85%

*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.*

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