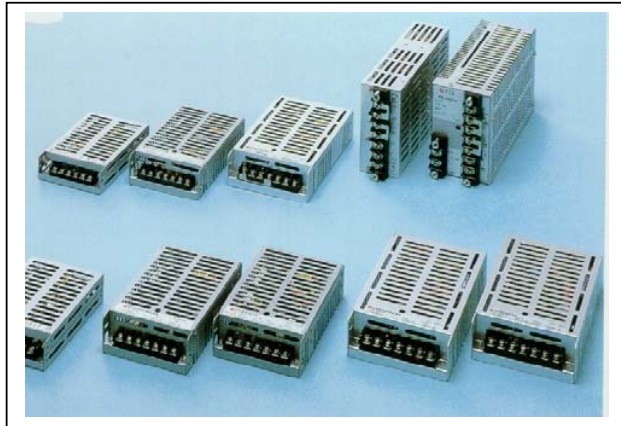


# SV SERIES

DC/DC Single Output: 15-50 watts



## Features

- Option of 12V, 24V, 48V or 110VDC input
- Wide input range
- Three power levels 15, 25 and 50 watts
- Floating output
- Input – Output fully isolated
- Fully regulated
- Overload and Overvoltage protection
- Demonstrated High MTBF 740,000 hrs
- No fan cooling
- Smart compact chassis mounting case
- Voltage adjustment trim potentiometer
- Suitable for a wide range of telecom and industrial applications.

## Specification

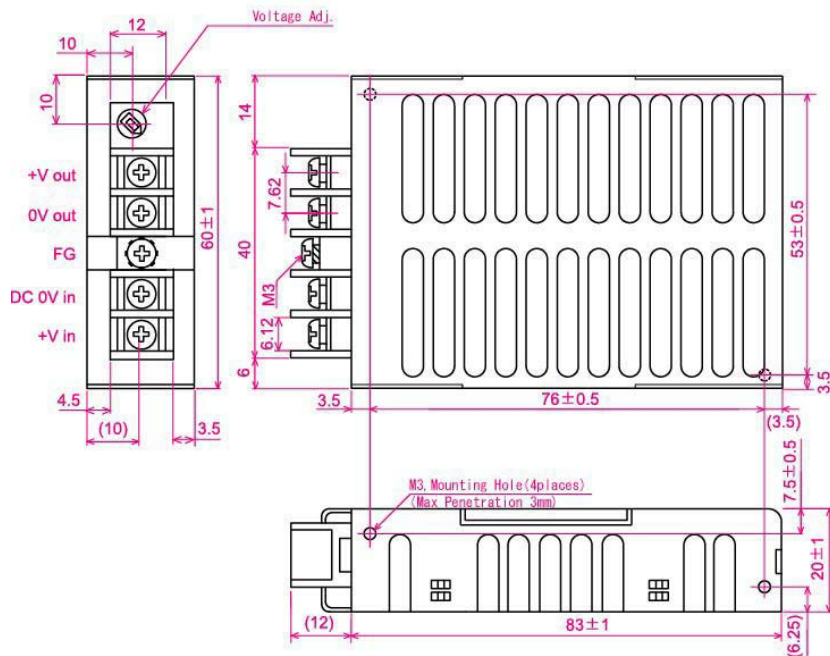
<b>Input Voltage</b>	12VDC ( 9.2 ~ 16 ) 24VDC ( 19 ~ 32 ) 48VDC ( 38 ~ 63 ) 110VDC ( 85 ~ 140 )
<b>Efficiency</b>	Model Dependent 79 ~ 86%
<b>Output Voltage</b>	5 ~ 48V options refer to table
<b>Output Power</b>	15 ~ 50 watts
<b>Voltage Adjustment</b>	±10% of nominal output voltage
<b>Ripple &amp; Noise</b>	150mV for 5V 220mV for 12V 250mV for 15V 340mV for 24V 580mV for 48V
<b>Line Regulation</b>	±0.9% maximum
<b>Load regulation</b>	±3% maximum with 25-75% load step
<b>Switching Freq.</b>	90kHz fixed
<b>Temp Coefficient</b>	0.03% per °C over 0° to 50°C
<b>Rise Time</b>	100ms maximum at rated input and output
<b>Overcurrent Protection</b>	Current limiting with auto recovery set at approximately 110% of rated output
<b>Overvoltage Protection</b>	Output shutdown, reset by recycling input power after one minute
<b>Remote Sense</b>	Not available
<b>Reverse Voltage Protection</b>	By internal fuse
<b>Parallel Operation</b>	No
<b>Operating Temp</b>	0° to 50°C
<b>Humidity</b>	85% RH Non-condensing
<b>Isolation Voltage</b>	Input –Output: 2000VAC Input – Chassis: 2000VAC Output – Chassis: 500VDC
<b>EMC</b>	EN55022 level A
<b>Cooling</b>	Convection cooled
<b>Connector</b>	Screw terminals
<b>Dimensions &amp; Weight</b>	SVM: 60 x 95 x 20mm 120g SVA: 73 x 107 x 24mm 120g SVB: 83 x 124 x 33mm 410g

# SV SERIES

DC/DC Single Output: 15-50 watts



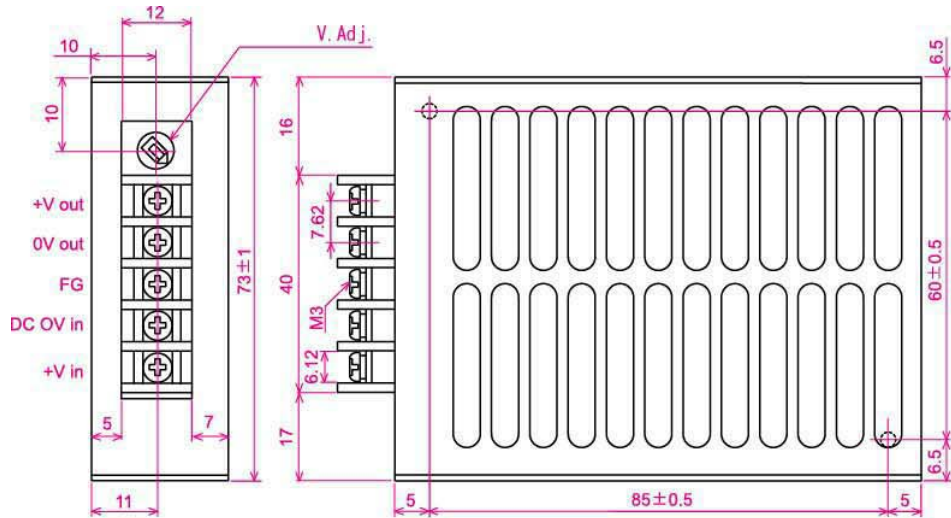
INPUT	OUTPUT / MODEL					POWER W
	5V 3.0A	12V 1.3A	15V 1.0A	24V 0.7A	48V 0.35A	
12V	SVM05SC12	SVM12SC12	SVM15SC12	SVM24SC12	SVM48SC12	15W
24V	SVM05SC24	SVM12SC24	SVM15SC24	SVM24SC24	SVM48SC24	
48V	SVM05SC48	SVM12SC48	SVM15SC48	SVM24SC48	SVM48SC48	
110V	SVM05SD	SVM12SD	SVM15SD	SVM24SD	SVM48SD	
12V	SVA05SC12	SVA12SC12	SVA15SC12	SVA24SC12	SVA48SC12	25W
24V	SVA05SC24	SVA12SC24	SVA15SC24	SVA24SC24	SVA48SC24	
48V	SVA05SC48	SVA12SC48	SVA15SC48	SVA24SC48	SVA48SC48	
110V	SVA05SD	SVA12SD	SVA15SD	SVA24SD	SVA48SD	
12V	SVB05SC12	SVB12SC12	SVB15SC12	SVB24SC12	SVB48SC12	50W
24V	SVB05SC24	SVB12SC24	SVB15SC24	SVB24SC24	SVB48SC24	
48V	SVB05SC48	SVB12SC48	SVB15SC48	SVB24SC48	SVB48SC48	
110V	SVB05SD	SVB12SD	SVB15SD	SVB24SD	SVB48SD	



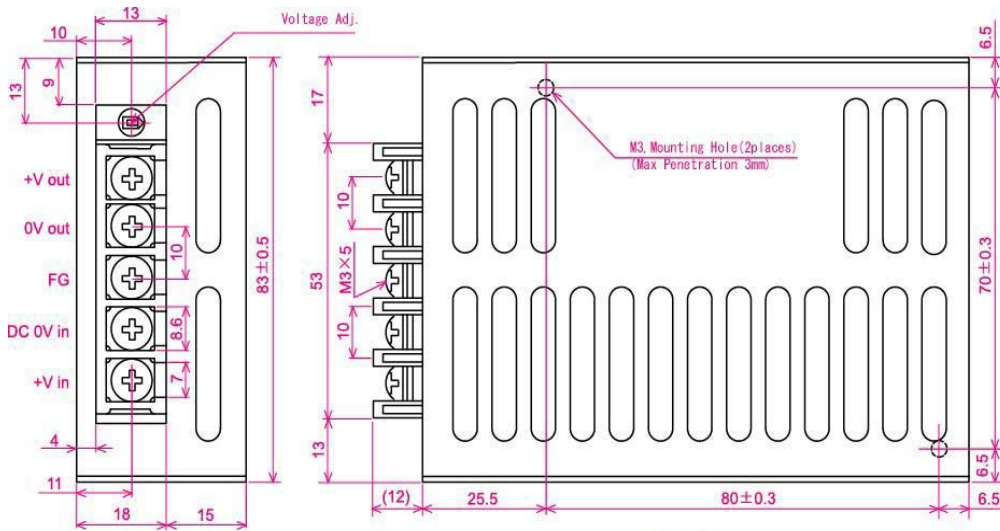
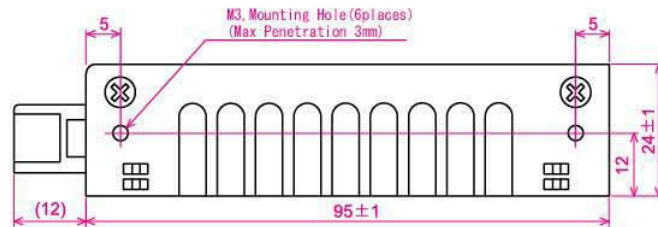
**SVM**

# SV SERIES

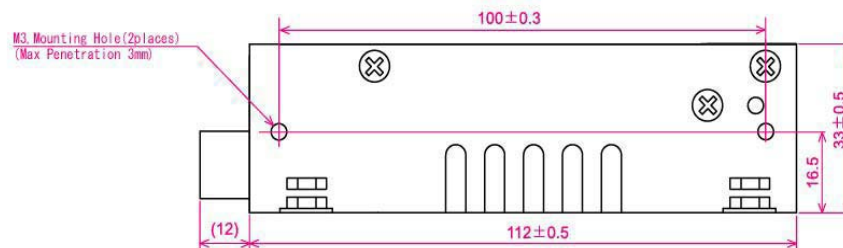
DC/DC Single Output: 15-50 watts



**SVA**



**SVB**



SVA\_SC/SD