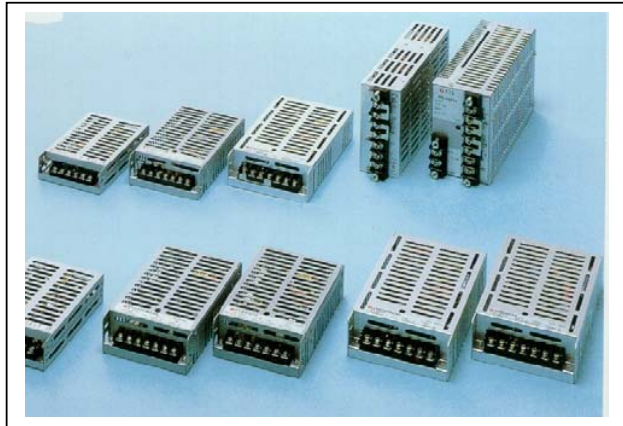


# VOX SERIES

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

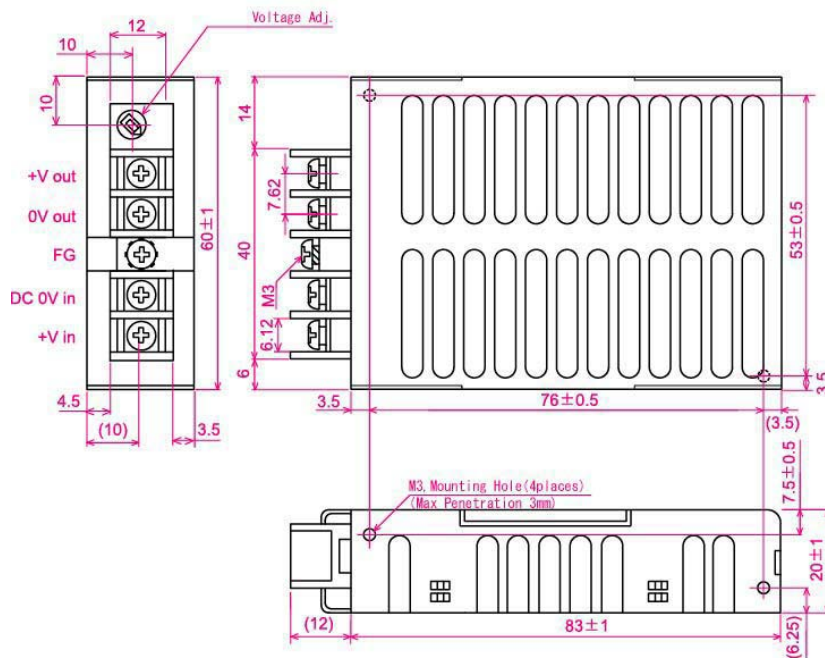
Vox Technologies

1180 Commerce Drive Richardson Texas 75081 USA Tel:+1-972-234-4343 Fax:+1-972-234-4295 Web: <http://www.voxtechnologies.com>

# VOX SERIES

DC/DC Single Output: 15-50 watts

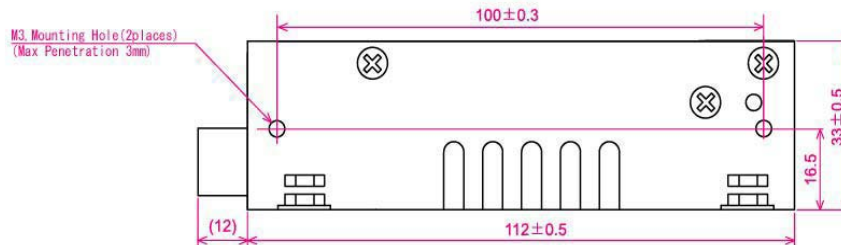
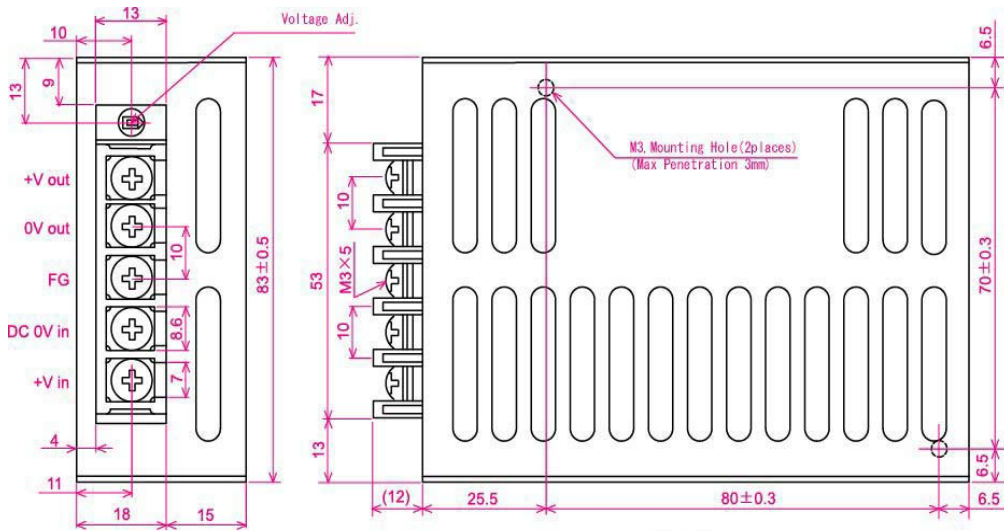
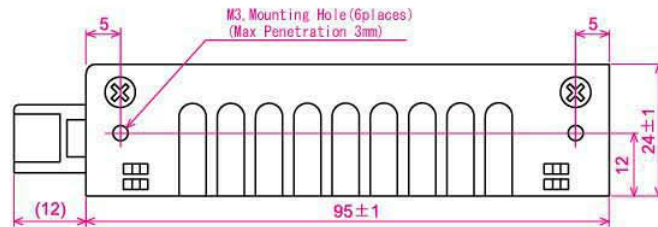
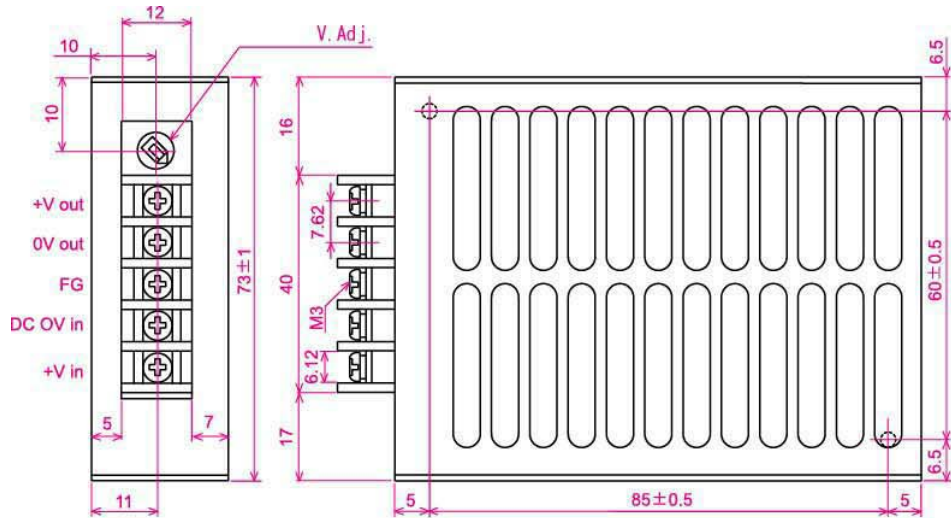
INPUT	OUTPUT / MODEL					POWER W
	<b>5V 3.0A</b>	<b>12V 1.3A</b>	<b>15V 1.0A</b>	<b>24V 0.7A</b>	<b>48V 0.35A</b>	
12V	SVM05SC12	SVM12SC12	SVM15SC12	SVM24SC12	SVM48SC12	15W
24V	SVM05SC24	SVM12SC24	SVM15SC24	SVM24SC24	SVM48SC24	
48V	SVM05SC48	SVM12SC48	SVM15SC48	SVM24SC48	SVM48SC48	
110V	SVM05SD	SVM12SD	SVM15SD	SVM24SD	SVM48SD	
	<b>5V 5.0A</b>	<b>12V 2.1A</b>	<b>15V 1.7A</b>	<b>24V 1.1A</b>	<b>48V 0.5A</b>	
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	
	<b>5V 8.0A</b>	<b>12V 3.3A</b>	<b>15V 2.7A</b>	<b>24V 1.7A</b>	<b>48V 0.8A</b>	
12V	SVB05SC12	SVB12SC12	SVB15SC12	SVB24SC12	SVB48SC12	50W
	<b>5V 10A</b>	<b>12V 4.3A</b>	<b>15V 3.4A</b>	<b>24V 2.5A</b>	<b>48V 1.1A</b>	
24V	SVB05SC24	SVB12SC24	SVB15SC24	SVB24SC24	SVB48SC24	
48V	SVB05SC48	SVB12SC48	SVB15SC48	SVB24SC48	SVB48SC48	
110V	SVB05SD	SVB12SD	SVB15SD	SVB24SD	SVB48SD	



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DC/DC Single Output: 15-50 watts



SVA\_SC/SD

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