

# SV Series

**-20°C/+60°C Wide  
Operating Temperature Range  
Wall Mount AC/DC Adaptor**

**18W Series**



▲ SV324



▲ SVE324



▲ SVK324



▲ SVZ324



▲ SVA324



▲ SVF324



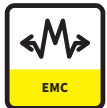
▲ SVG324



▲ SVR324



■ All safety meets 40 degree standard.  
■ Please contact our sales department for safety standard of each model.



## Product Highlights

- -20°C~60°C Operating Temperature for 18W
- Stability
- small size
- Cost efficiency
- Suit Portable HDD, Portable GPS, PDA & network device

## Protection

- Short circuit protection
- Over Voltage Protection
- Over Current Protection

## Safety Approvals

- UL60950
- CAN/CSA C22.2 NO. 60950
- PSE
- IEC/EN60950-1
- CNS14336

## Efficiency

- Meet : COMMISSION REGULATION (EU) 2019/1782 ( ERP 6 )& DOE 6

## Emissions

- FCC Part15 Class B ICES-003
- CE CISPR 32 Class B
- VCCI Class B
- CNS13438

## Immunity

- EN55024/A1:2001

Input					
Description	Min	Typ	Max	Units	Comment
Voltage	90	100~240	264	Vac	
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min	Typ	Max	Units	Comment
Operating Temperature for 24W	0	-	40	°C	Free Convection,Sea level
Operating Temperature for 18W	-20	-	60	°C	Free Convection,Sea level
Storage Temperature	-20	-	65	°C	Free Convection,Sea level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

## Typical model list

Input Condition	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noises	Regulation		Average active efficiency	Efficiency at low load (10%)	No-load power consumption	Option / Remark	
						Line	Load					
Input Voltage: 90V-264Vac Frequency: 47-63Hz	SV324-0530	5.0V	2.0A	±5%	150mV	150mV	2%	10%	78.70%	-	0.1W	-20°C~60°C
		5.0V	3.0A	±5%	150mV	150mV	2%	10%	81.39%	-	0.1W	-20°C~60°C
	SV324-0630	6.0V	2.0A	±5%	200mV	200mV	2%	10%	82.96%	-	0.1W	-20°C~60°C
		6.0V	3.0A	±5%	200mV	200mV	2%	10%	85.00%	-	0.1W	0°C~40°C
	SV324-1024	10.0V	1.8A	±5%	240mV	240mV	2%	10%	85.00%	-	0.1W	-20°C~60°C
		10.0V	2.4A	±5%	240mV	240mV	2%	10%	86.20%	-	0.1W	0°C~40°C
	SV324-1011	10.5V	1.1A	±5%	240mV	240mV	2%	10%	82.75%	-	0.1W	-20°C~60°C
		10.5V	1.1A	±5%	240mV	240mV	2%	10%	82.75%	-	0.1W	0°C~40°C
	SV324-1220	12.0V	1.5A	±5%	240mV	240mV	2%	10%	85.00%	-	0.1W	-20°C~60°C
		12.0V	2.0A	±5%	240mV	240mV	2%	10%	86.20%	-	0.1W	0°C~40°C
	SV324-1912	19.0V	1.0A	±5%	240mV	240mV	2%	10%	85.24%	-	0.1W	-20°C~60°C
		19.0V	1.2A	±5%	240mV	240mV	2%	10%	86.01%	-	0.1W	0°C~40°C
	SV324-2410	24.0V	0.75A	±5%	240mV	480mV	2%	10%	85.00%	-	0.1W	-20°C~60°C
		24.0V	1.0A	±5%	240mV	480mV	2%	10%	86.20%	-	0.1W	0°C~40°C
	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-

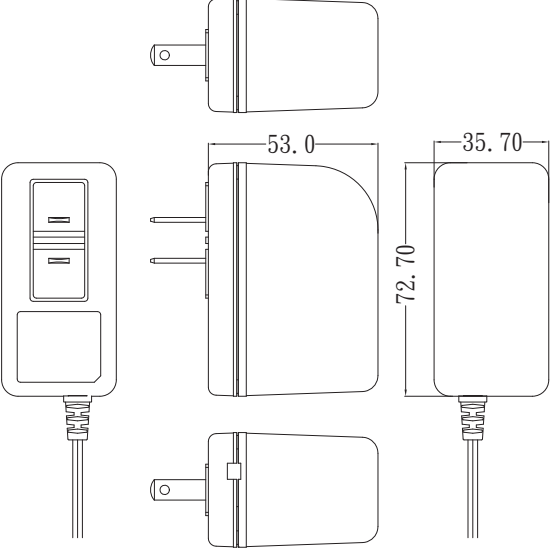
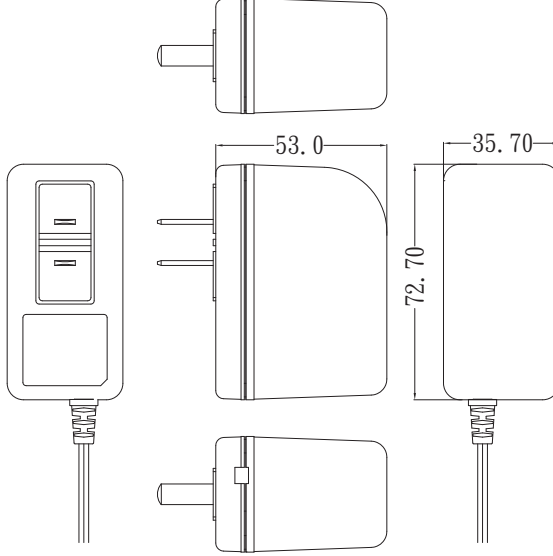
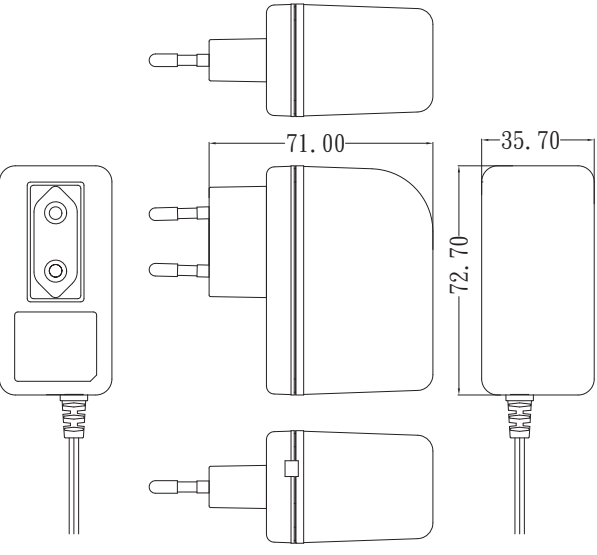
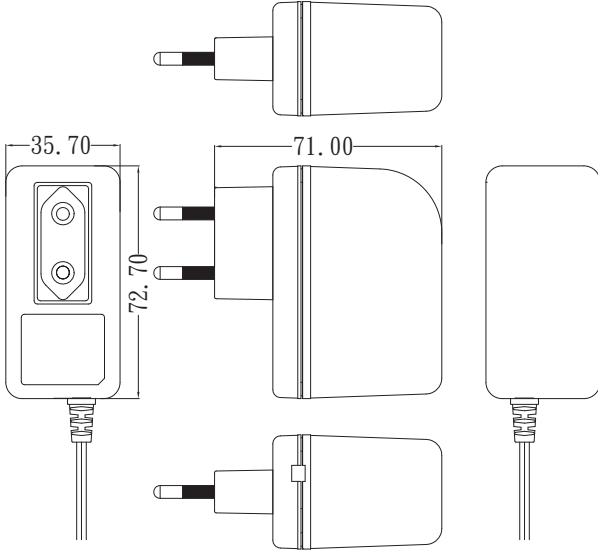
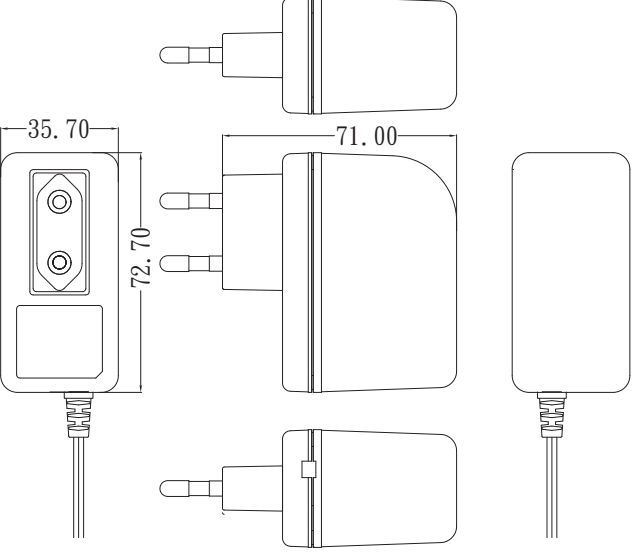
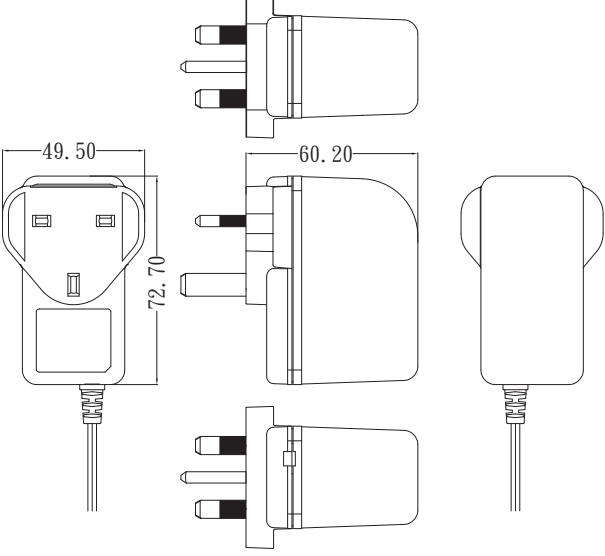
■ Measurement condition

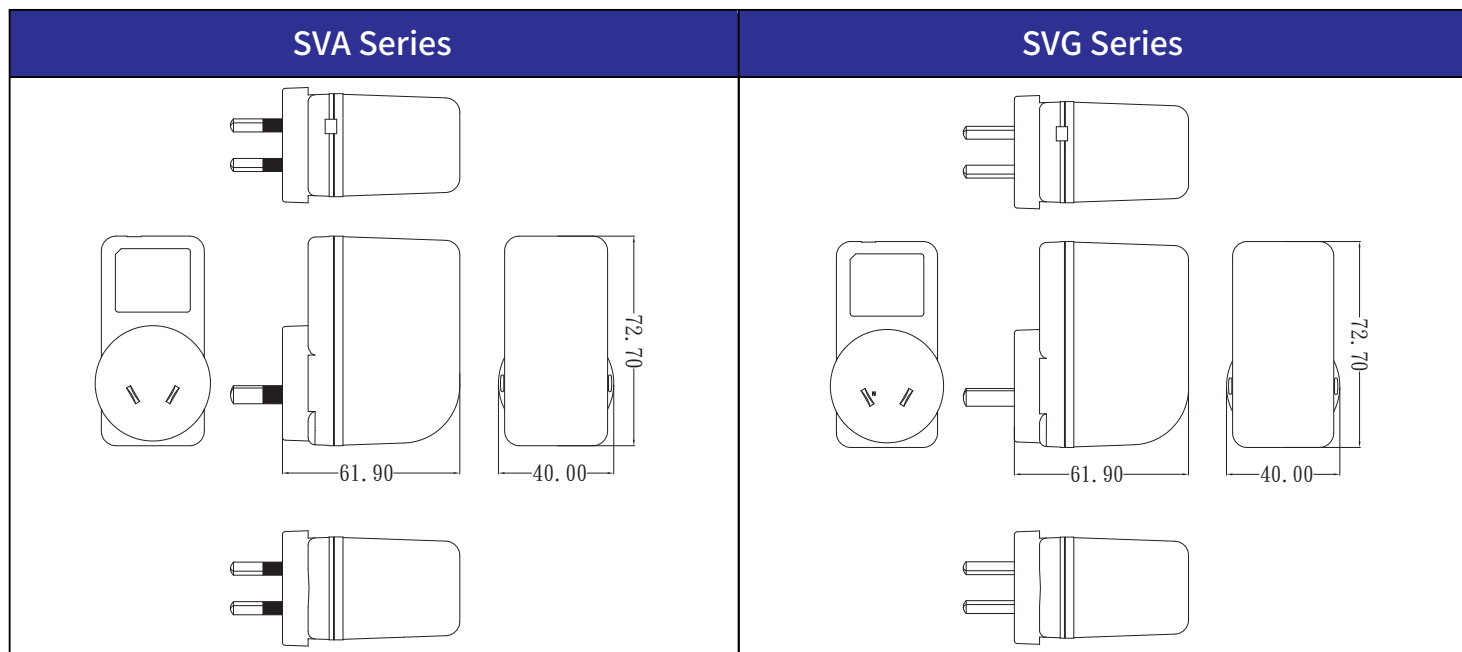
1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

■ Precaution The different output current is applied to the different operating temperature. For example, 12.0V/1.5A is for -20°C to 60°C and 12.0V/2.0A is for 0°C to 40°C. For the applicable safety standards, see the specification sheef.

3. Safety certificates were available for the model with 0~40 degrees operation.  
No certificates for the model which operating under -20~60 degrees,but the design can meet safety standard.

more detail on next page

SV Series	SVZ Series
	
SVE Series	SVF Series
	
SVR Series	SVK Series
	



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■ Please contact our sales department for details of each model ■