

SV Series

AC/DC Adaptor Wide Operating temperature model for **6W**



▲ **SV313**



▲ **SVE313**



▲ **SVK313**



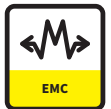
▲ **SVA313**



▲ **SVZ313**



■ Please contact our sales department for safety standard of each model.



Product Highlights

- -20°C~60°C
Operating Temperature for 12W
- Mobility
- Compact size
- Light weight
- Suit small to mid size hand held computer, LCD display, etc.

Efficiency

- Meet DoE Level VI

Protection

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

Emissions

- CE CISPR 32 Class B
- VCCI Class B

Safety Approvals

- PSE
- IEC/EN60950-1

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 10W	0	-	40	°C	Free Convection,Sea level
Operating Temperature for 6W	-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		Option/Remark
							Line	Load	
Input Voltage: 90V-264Vac Frequency: 47-63Hz	SV313-0520	5V	2.0A	±5%	150mV	200mV	2%	10%	0°C~40°C
		5V	1.2A	±5%	150mV	200mV	2%	10%	-20°C~60°C
	SV313-5918	5.9V	1.8A	±5%	200mV	240mV	2%	10%	0°C~40°C
		5.9V	1.0A	±5%	200mV	240mV	2%	10%	-20°C~60°C
	SV313-0913	9V	1.3A	±5%	200mV	240mV	2%	10%	0°C~40°C
		9V	0.65A	±5%	200mV	240mV	2%	10%	-20°C~60°C
	SV313-1210	12V	1.0A	±5%	200mV	240mV	2%	10%	0°C~40°C
		12V	0.5A	±5%	200mV	240mV	2%	10%	-20°C~60°C
	SV313-2405	24V	0.5A	±5%	240mV	480mV	2%	10%	0°C~40°C
		24V	0.25A	±5%	240mV	480mV	2%	10%	-20°C~60°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, 12V/0.5A is for -20°C to 60°C and 12V/1.0A is for 0°C to 40°C. For the applicable safety standards, see the specification sheef.

more detail on next page

SV Series	SVE Series
SVK Series	SVA Series
SVZ Series	<p style="text-align: center;">— the following blank —</p>

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