

# SN 36W Series

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



▲ **SN1345**



▲ **SNT345**



- 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 36W
- Stability
- Compact Size
- Energy Efficiency
- Suit LCD Display, Hand Held Computer, Multimedia Player, etc

## Efficiency

- Energy Efficiency Level VI ( ErP / DoE )
- Meet COMMISSION REGULATION(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430

## Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection

## Emissions

- FCC Part15 Class B
- CE CISPR 32 EN55032
- VCCI Class B
- GB9254/GB17625.1
- CNS13438

## Safety Standard

- 60950-1
- 62368-1
- GB4943.1
- CNS14336
- PSE 別表第八

## 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 45W	0	-	40	°C	Free Convection,Sea Level
Operating Temperature for 36W	-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

No.		DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	SNx345-1238	12.0V	2.5A	±5%	240mV	240mV	86.95%	0.1W	-20°C~60°C
		12.0V	3.8A	±5%	240mV	240mV	87.74%	0.1W	0°C~40°C
2	SNx345-1530	15.0V	2.0A	±5%	300mV	300mV	86.95%	0.1W	-20°C~60°C
		15.0V	3.0A	±5%	300mV	300mV	87.73%	0.1W	0°C~40°C
3	SNx345-1628	16.0V	2.0A	±5%	300mV	300mV	87.13%	0.1W	-20°C~60°C
		16.0V	2.8A	±5%	300mV	300mV	87.72%	0.1W	0°C~40°C
4	SNx345-1825	18.0V	1.8A	±5%	300mV	300mV	87.16%	0.1W	-20°C~60°C
		18.0V	2.5A	±5%	300mV	300mV	87.73%	0.1W	0°C~40°C
5	SNx345-1924	19.0V	1.67A	±5%	240mV	480mV	87.10%	0.1W	-20°C~60°C
		19.0V	2.4A	±5%	240mV	480mV	87.74%	0.1W	0°C~40°C
6	SNx345-2419	24.0V	1.3A	±5%	300mV	300mV	87.06%	0.1W	-20°C~60°C
		24.0V	1.9A	±5%	300mV	300mV	87.74%	0.1W	0°C~40°C

■ Remarks : SNx (x=I or T)

■ Measurement condition

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.

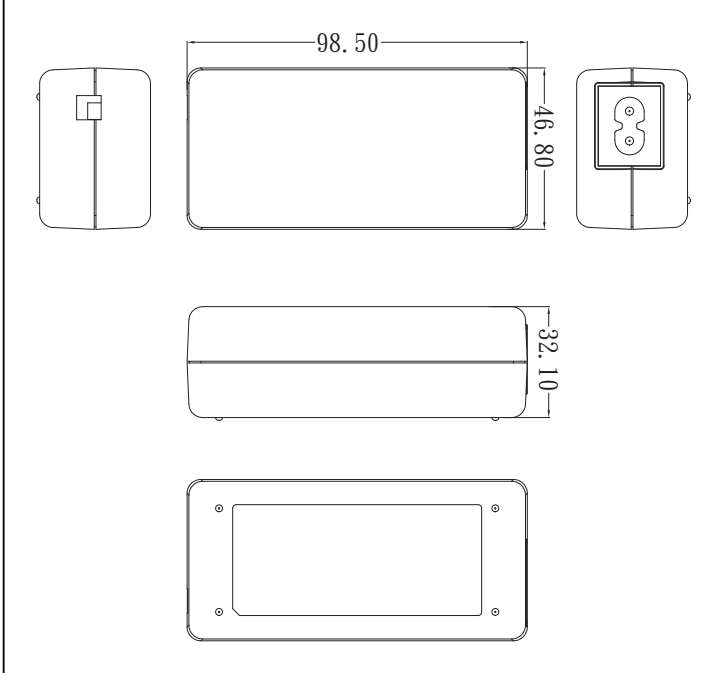
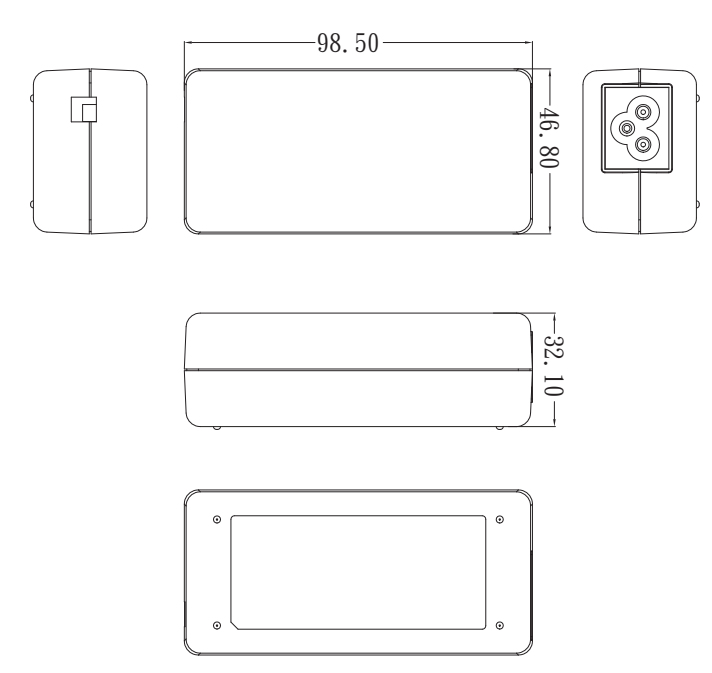
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

■ Precaution The different output current is applied to the different operating temperature. For example, 12.0V/2.5A is for -20°C to 60°C and 12.0V/3.8A 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

SNI345 Series	SNT345 Series
	

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