SN 60W Series

I.C.T./AV AC/DC Adaptor
Wide Ambient Temperature

▲ SNI390

▲ SNB390

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

Safety Certificate | Reliability Guarantee | Energy Saving | ROHS 2 | EMC | PFC

Product Highlights

- -20°C~60°C Operating Temperature
- Stability
- Energy and High Efficiency
- Applicable to use in harsh environments.
- Suitable for IoT, AIoT/automation equipment/ASRS
- Support wide range of temperature environments.

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection (optional)

Safety Standard

- 60950-1
- 62368-1
- PSE 別表第八

Efficiency

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

Emissions

- FCC
  - FCC Part15-B
- CE
  - EN(CISPR)55032-B
- VCCI-B
- BS EN 55032

Immunity

- EN55035
- BS EN 55035

The above specifications include the following test standards

✓ EN61000-4-2
✓ EN61000-4-3
✓ EN61000-4-4
✓ EN61000-4-5
✓ EN61000-4-6
✓ EN61000-4-8
✓ EN61000-4-11

Electrical Spec

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 90W	0	-	40	°C	Free Convection,Sea Level
Operating Temperature for 60W	-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

	Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
1	SNx390-1275	12.0V	5.0A	±5%	120mV	240mV	88.0%	0.21W	-20°C~60°C
		12.0V	7.5A	±5%	120mV	240mV	88.0%	0.21W	0°C~40°C
2	SNx390-1367	13.5V	4.44A	±5%	360mV	480mV	88.0%	0.21W	-20°C~60°C
		13.5V	6.7A	±5%	360mV	480mV	88.0%	0.21W	0°C~40°C
3	SNx390-1560	15.0V	4.0A	±5%	360mV	480mV	88.0%	0.21W	-20°C~60°C
		15.0V	6.0A	±5%	360mV	480mV	88.0%	0.21W	0°C~40°C
4	SNx390-1947	19.0V	3.15A	±5%	190mV	380mV	88.0%	0.21W	-20°C~60°C
		19.0V	4.73A	±5%	190mV	380mV	88.0%	0.21W	0°C~40°C
5	SNx390-2045	20.0V	3.0A	±5%	240mV	480mV	88.0%	0.21W	-20°C~60°C
		20.0V	4.5A	±5%	240mV	480mV	88.0%	0.21W	0°C~40°C
6	SNx390-2437	24.0V	2.5A	±5%	240mV	480mV	88.0%	0.21W	-20°C~60°C
		24.0V	3.75A	±5%	240mV	480mV	88.0%	0.21W	0°C~40°C

- Remarks：SNx (x=I or B)
- Measurement condition

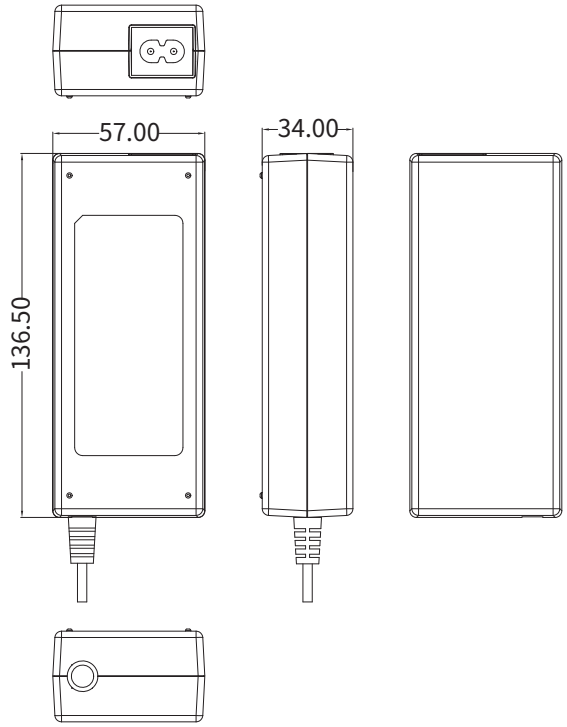
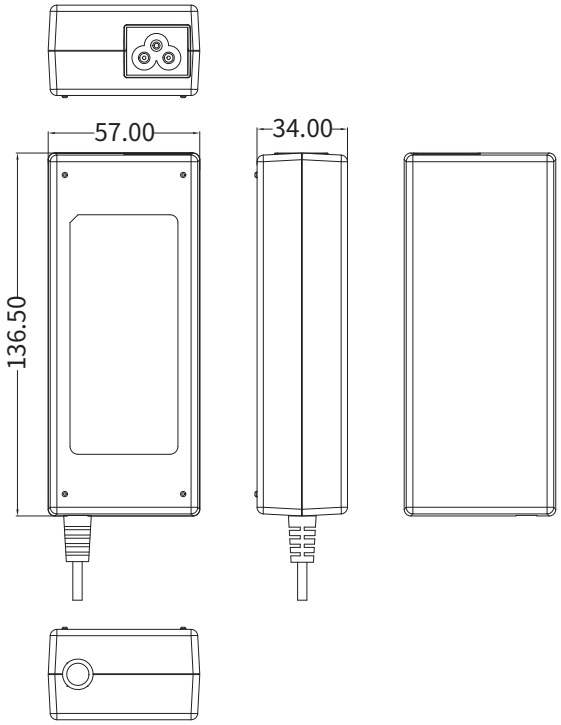
1. Mesurements shall be made with an oscilloscope with 20MHz bandwidth.
2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

- Precaution The different output current is applied to the different operating temperature. For example, 12.0V/5.0A is for -20°C to 60°C and 12.0V/7.5A 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

Mechanical Spec

SNI390 Series	SNB390 Series
	

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