

## AC Adaptor SEE series



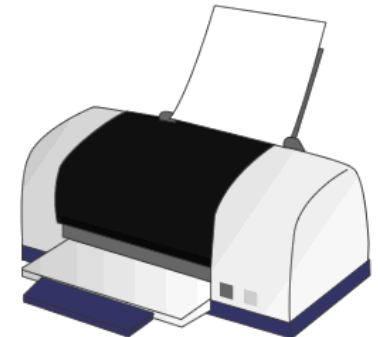
- ◆ AC adaptor with light & small sized with high efficiency
- ◆ Continuous input for world wide
- ◆ Support peak load
  - ◆ Safety standard for UL60950-1, c-UL, PSE (J60950)
  - ◆ Complies energy saving regulations (ErP, ENERGY STAR etc)

## Features

- ◆ **AC adaptor with Sanken's original IC and PSU technology**
  - Achieved top class low stand-by power and high efficiency by low power consumption IC and power control IC
  - AC adaptor which corresponds energy saving regulation in various countries, and which suitable for OA / Note PC
- ◆ **AC adaptor with light & small sized with high efficiency**
- ◆ **Continuous input (AC 100 – 240V) for world wide**
- ◆ **Support peak load**
- ◆ **Variety of safety standard (UL60950-1,c-UL,PSE(J60950))**

## Application

- ◆ **Note PC**
- ◆ **OA / Information equipment**
- ◆ **Handy measure, mini printer, mobile machine**



# SEE55 series

Under development

Under development

Under development

Spec

Product type	SEE55N2-			
	12.0	16.0	19.0	24.0
Rated Input Voltage	AC100-240V			
Input Voltage range	AC90~264V			
Input current*1	1.0A or less			
No Load Input Power	0.3W or less (at rated input)			
Inrush current*1	100A or less (at cold start)			
Leakage current	100uAmax			
Output power(Rated/Max)	35W/45W	38W/50W	40W/55W	40W/55W
Rated Output Voltage	12.0V	16.0V	19.0V	24.0V
Rated Output Current	2.92A	2.37A	2.10A	1.67A
Output Current Range*3	0~3.75A	0~3.13A	0~2.90A	0~2.29A
Efficiency(typ)*1	84%	85%	87%	87%
Ripple Noise	500mVp-p			
Protection	OCP, OVP, OTP			
Safety Standard	c-UL(UL60950-1), PSE (J60950 item 2)			
EMI	VCCI-B, FCC-B, EN55022-B			
Dimensions	88 x 39 x 27 mm / 160g or less			

\*1. At rated input/output, Ta=25°C

\*2. Include variety of input/output, temperature, time drift.

Output characteristics measured with 47uF placed at 10cm from tip of output cable connector.

\*3. Ta=25°C. Average output power not exceed rated output power.

Note) AC cable is not bundled with the product. Be sure to use double insulated AC cable.

## Outline

### Type

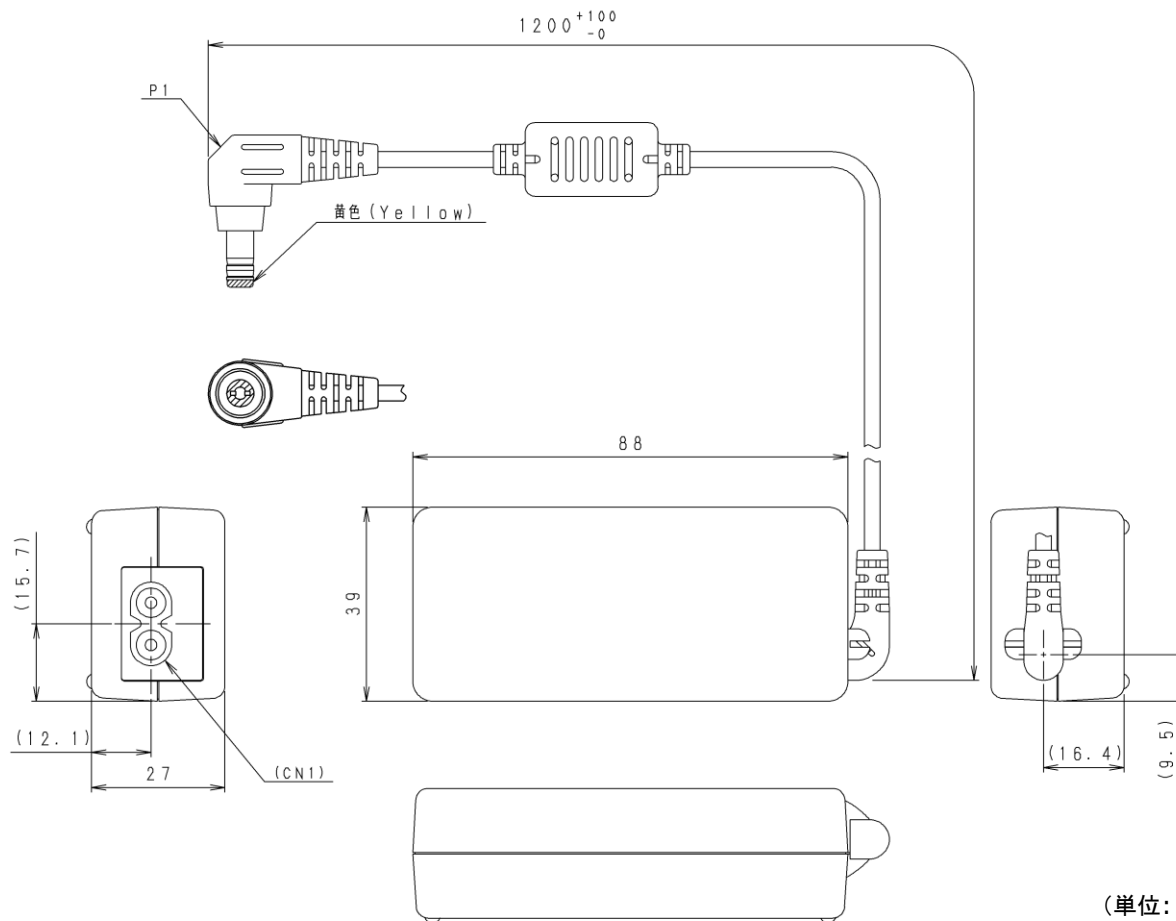
SEE55N2-12.0  
SEE55N2-16.0  
SEE55N2-19.0  
SEE55N2-24.0

※DC plug, core, design may change in output voltage

	12.0V	16.0V	19.0V	24.0V
DC plug	EIAJ RC-5320A Vol type 4	EIAJ RC-5320A Vol type 5	outer $\Phi 5.5$ inner $\Phi 2.5$	outer $\Phi 5.5$ inner $\Phi 2.1$

※input inlet  
(differs by series)

	Inlet
SEE55N2	2 polar (IEC60320-1 C8)
SEE55N3	3 polar (IEC60320-1 C6)



**Under development**



Product	SEE75N2-		
	16.0	19.0	24.0
Rated Input Voltage	AC100-240V		
Input Voltage range	AC90~264V		
Input current*1	1.6A or less		
No Load Input Power	0.3W or less (at rated input)	0.5W or less (at rated input)	0.3W or less (at rated input)
Inrush current*1	100A以下 (at cold start)		
Leakage current	100uAmax		
Output power(Rated/Max)	65W/75W	65W/75W	65W/75W
Rated Output Voltage	16.0V	19.0V	24.0V
Rated Output Current	4.06A	3.42A	2.71A
Output Current Range*3	0~4.69A	0~3.95A	0~3.13A
Efficiency(typ)*1	88%	86%	88%
Ripple Noise	500mVp-p		
Protection	OCP, OVP, OTP		
Safety Standard	c-UL(UL60950-1), PSE(J60950 item 2)		
EMI	VCCI-B, FCC-B, EN55022-B		
Dimensions	102.5 × 42.5 × 27.7 mm / 250g or less	96.0 × 41.0 × 28.0 mm / 250g or less	102.5 × 42.5 × 27.7 mm / 250g or less

\*1. At rated input/output, Ta=25°C

\*2. Include variety of input/output, temperature, time drift. Output characteristics measured with 47uF placed at 10cm from tip of output cable connector

\*3. Ta=25°C. Average output power not exceed rated output power.

Note) AC cable is not bundled with the product. Be sure to use double insulated AC cable.

# SEE75 series

## Outline

### Type

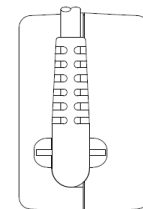
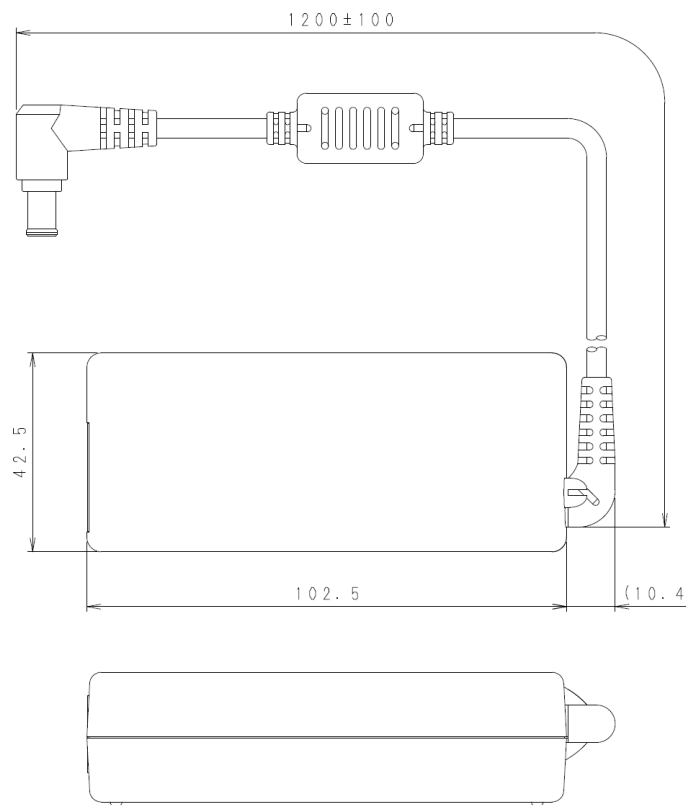
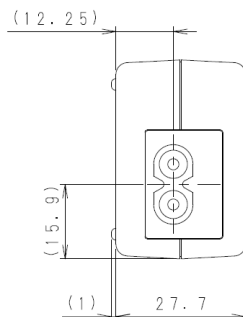
SEE75N2-16.0  
SEE75N2-24.0

※DC plug, core, design may change in output voltage

	16.0V	24.0V
DC plug	EIAJ RC-5320A Vol type 5	outer $\Phi 5.5$ inner $\Phi 2.1$

※input inlet  
(differs by series)

	Inlet
SEE75N2	2 polar (IEC60320-1 C8)
SEE75N3	3 polar (IEC60320-1 C6)



(単位: mm)

# SEE75 series

## Outline

※DC plug, core, design may change in output voltage

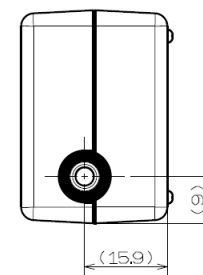
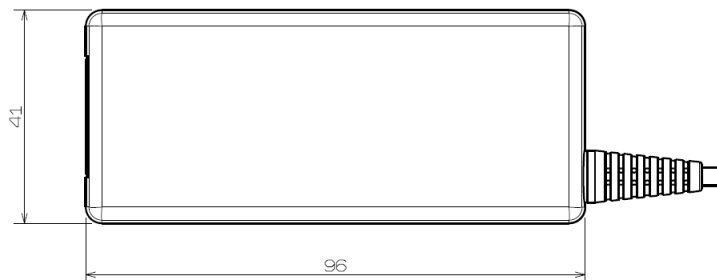
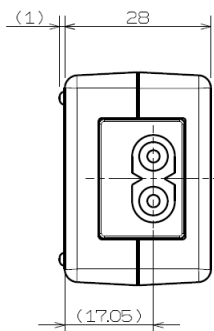
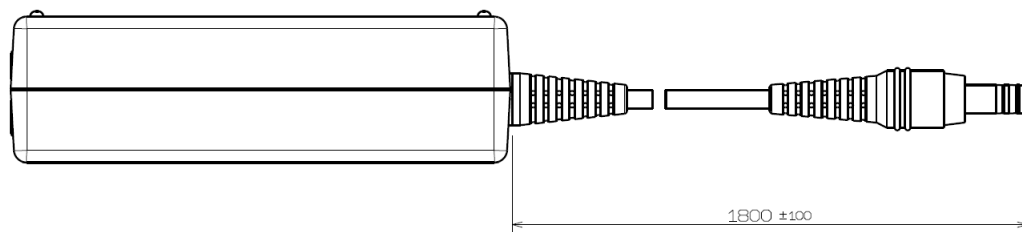
	19.0V
DC plug	outer $\Phi 5.5$ inner $\Phi 2.5$

### Type

SEE75N2-19.0

※input inlet  
(differs by series)

	Inlet
SEE75N2	2 polar (IEC60320-1 C8)



(単位: mm)



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**Preliminary & provisional document  
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