

# SNC-PS-60

## COMMERCIAL DESKTOP






### 60W POWER SUPPLY

**WISeNET**

## Commercial Power Solutions For Barcode Reader Cameras

Wisenet commercial grade desktop 60W power supplies provide reliable power for barcode reader cameras and other low voltage DC based products and ensure stable equipment operation.



				
PSU 60W 24V	Temp 0 ~ +40°C	Mounting Desktop	Input IEC C14	NDAA Compliant

[ SNC-PS-60 ]

### / OVERVIEW

Designed in a desktop style housing, the SNC-PS-60 series of commercial grade power supplies are ideally suited for powering Wisenet barcode reader cameras and other low voltage DC equipment.

Available in a 24V output version ensures the power supply is suitable for a wide range of low voltage DC powered devices.

The power supply offers a high level of stability and immunity to noise and a low ripple for best in class performance.

Compliant to the international standards for EMC and are safety approved to IEC 62368-1 Edition 2.0, UL 62368-1, and CAN/CSA-C22.2 No. 62368-1-14

A wide voltage input range that supports 90-264V<sub>AC</sub> ensures global support for all regions.

The power supply is available with EU or UK IEC line cords.

### / FEATURES

- Compact size – ideal for confined spaces
- Desktop housing design – quick to install with industry standard IEC mains cables
- High efficiency - up to 84% typical
- Universal 90-264V<sub>AC</sub> input range
- Output short circuit and over current protection included as standard
- Fitted with a 2.1mm DC center positive plug
- 2.1mm female DC plug to 2-pin screw terminal adapter included for maximum connection flexibility
- EU or UK IEC straight line cord included
- EN62368 & UL safety approved
- 1 Year Support Warranty

# Specifications.

## Input.

Characteristics	Operating Conditions	Min.	Typ.	Max.	Unit
Input Voltage Range	AC Input	90	-	264	VAC
Input Frequency		47	-	63	Hz
Input Current		-	-	1.2	A
Inrush Current		-	-	40	
Standby Power		-	-	0.21	W
Leakage Current	264VAC	-	-	0.25	A
Connector		C14 IEC			

## Output.

Characteristics	Operating Conditions	Min.	Typ.	Max.	Unit
Output Voltage		-	24	-	VDC
Rated Current		-	-	2.5	A
Current Range		0	-	2.5	
Rated Power		-	-	60	W
Load Regulation	10% - 90% Load	-	-	±5	%
Output Ripple & Noise*	20MHz Bandwidth (peak-to-peak value)	-	-	240	mV
Short Circuit Protection		Hiccup, Self-Recovery			
Over-Current Protection		Present			
Minimum Load		0	-	-	%
Output Cable Length	20AWG	1000	-	1200	mm
Connector		2.1 × 5.5 × 12mm C+ve Plug			
Note: *The “tip and barrel method” is used for ripple and noise test, output parallel 47μF electrolytic capacitor and 0.1μF ceramic capacitor.					

## General.

Characteristics	Operating Conditions	Min.	Typ.	Max.	Unit
Operating Temperature		0	-	+40	°C
Storage Temperature		-20	-	+80	
Temperature Coefficient		-	0.05	-	%/°C
Operating Humidity	Non-Condensing	5	-	95	%RH
Storage Humidity	Non-Condensing	5	-	95	
Safety Standard		UL/CuL 62368-1 GS/TUV EN62368-1			
Safety Class		Class I			

# Specifications.

## Mechanical.

Case Material	Plastic
Dimensions	34 × 120 × 50 mm (1.34 × 4.72 × 1.97 in) (H x W x D)
Weight	0.24 kg (0.53 lb)
Cooling	Free Air Convection

## Regulatory.

Emissions	CE	EN55032 / EN55035
	RE	EN55032 / EN55035
	FCC	Part 15 Class B
Supply Chain		NDAA Compliant

# Part Numbers.

## 60W Commercial Grade Desktop Power Supplies

SNC-PS-60-EU	Commercial Grade Desktop Power Supply, 24V Output, 60W (2.5A), 2.1mm DC Plug, EU Plug
SNC-PS-60-UK	Commercial Grade Desktop Power Supply, 24V Output, 60W (2.5A), 2.1mm DC Plug, UK Plug

# Included Accessories.

DC Plug To Screw Terminal  
IEC Power Cable

2.1mm DC Plug Female Adapter To 2-Pin Screw Terminal  
Region Specific EU or UK Straight IEC Line Cord (depending on part code ordered)



or



Unless otherwise specified, parameters in this datasheet were measured under the conditions of Ta=25°C. humidity <75% with nominal input voltage and rated output load.  
In a continuing effort to improve and advance technology, product specifications are subject to change without notice. Please visit our website for the latest product specifications.