

Features

- Slim and Low Profile
- Protections: Short circuit / Over voltage / Over current / Over temperature
- Energy Efficiency $\geq 89\%$ -92% depends on models
- MTBF > 50,000 hours
- Fanless and Conduction-cooled Design
- Withstand 300VAC Surge Input for 5 seconds
- Built-in Remote ON-OFF Control
- DC OK Active Signal
- LED Indicator

Enclosed AC/DC Switching Power Supply



General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
S150W-12	150W	12V	0A	12.5A	$\pm 0.5\%$	$\pm 0.5\%$	150mV
S150W-24	150W	24V	0A	6.25A	$\pm 0.5\%$	$\pm 0.5\%$	200mV
S150W-36	150W	36V	0A	4.16A	$\pm 0.5\%$	$\pm 0.5\%$	200mV
S150W-48	150W	48V	0A	3.12A	$\pm 0.5\%$	$\pm 0.5\%$	200mV

NOTE:

1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.

2 : Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.

3 : Max. Power (W) $\geq V_o \times I_o$

INPUT

- Input Range: 100 to 240VAC
- Frequency: 50 to 60Hz
- Input Current: $\leq 3A$
- Inrush Current: $\leq 40A/230VAC$
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 1s$

PROTECTION

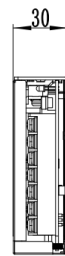
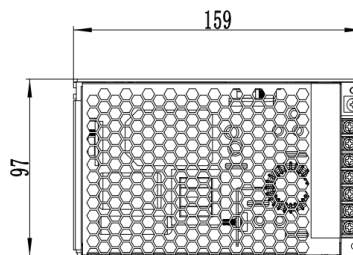
- Short Circuit Protection: Latch-off or Auto Recovery
- Over Current Protection: Latch-off or Auto Recovery
- Over Voltage Protection: Latch-off or Auto Recovery
- Over Temperature Protection: Latch-off or Auto Recovery

ENVIRONMENT

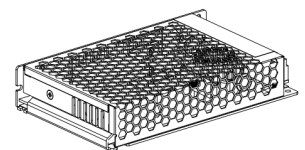
- Operating Temperature: -30 to $70^\circ C$
- Storage Temperature: -40 to $85^\circ C$
- Operating Humidity: -20 to $90^\circ C$
- Storage Humidity: -10 to $95^\circ C$

MECHANICAL

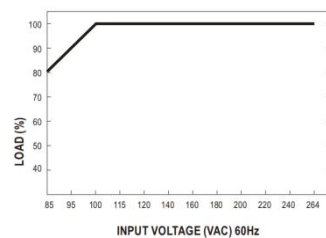
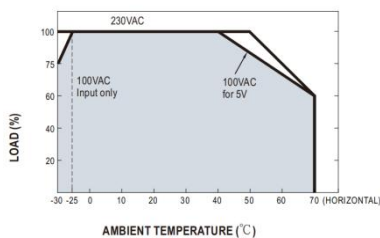
Unit: mm



- Mechanical Size: 159L x 97W x 30H (mm)
- Weight: 0.5 Kg



DERATING CURVE



Pin No.	Assignment
1	AC/L
2	AC/N
3	FG $\equiv$
4/5	-V
6/7	+V

SAFETY

- Complied with UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035)