



### ■ Main Features

- ] Standard 76.2x127.0mm (3"x5") footprint design
- ] Low profile mechanical design for height limitation environment
- ] Design for Industrial Application, Printer Application, Network System, Telecommunication Application and Storage System
- ] Output Power up to 150W
- ] With 48Vdc to 56Vdc Output suitable for POE Application

**TECHNICAL DATA**

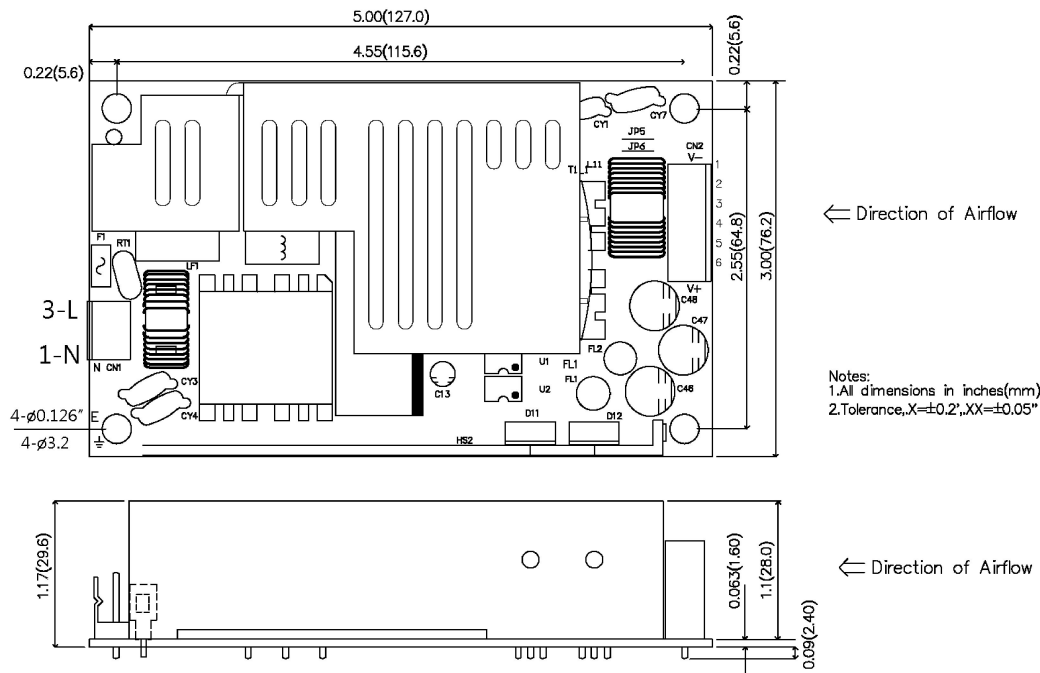
Model type	S2	S3	SW	S4	SR	S5	S7
<b>OUTPUT DATA</b>							
Rated voltage	12Vdc	15Vdc	19Vdc	24Vdc	30Vdc	48Vdc	56Vdc
Adj. output voltage range	11.4...12.6Vdc	14.25...15.75Vdc	18.05...19.95Vdc	22.8...25.2Vdc	28.5...31.5Vdc	45.6...50.4Vdc	53.2...58.8Vdc
Continuous current	10.0A		7.9A	6.25A	5.0A	3.2A	2.7A
Overload limit	110%...200%						
Line regulation	±0.5%						
Load regulation	±5%						
Ripple & Noise <sup>1</sup>	120mVpp	150mVpp	190mVpp	240mVpp	300mVpp	480mVpp	560mVpp
Hold up time Vin = 115Vac	≥ 16ms						
Protections	<ul style="list-style-type: none"> <li>▪ Overload/short circuit: Hiccup mode/Auto-recovery</li> <li>▪ Output overvoltage : Latch Off (140%)</li> </ul>						
<b>INPUT DATA</b>							
Input AC rated voltage Frequency	Nominal: 115...230Vac Range: 90...264Vac 47...63Hz						
Input AC rated current Vin = 115Vac Vin = 230Vac	2.5A 1.5A						
Power factor correction	> 0.9						
Inrush peak current Vin = 115Vac Vin = 230Vac	≤ 40A ≤ 80A						
Touch (leakage) current	≤ 3.5mA						
Internal protection fuse	Yes (not user replaceable)						
<b>GENERAL DATA</b>							
Efficiency	> 80%		> 85%				
Output power	120W		150W				
Operating temperature	- 0°C...+ 50°C						
Storage temperature	- 40°C...+ 85°C						
Humidity	5...95% r.H. non condensing						
Overvoltage category Pollution degree	<ul style="list-style-type: none"> <li>▪ EN50178 III</li> <li>▪ IEC60664-1 2</li> </ul>						
Protection Class	<ul style="list-style-type: none"> <li>▪ CLASS I</li> </ul>						
Input / output isolation	4.2kVdc						
Input / Earth	2.6kVdc						
Safety Standards	<ul style="list-style-type: none"> <li>▪ UL950 (Certified Model: S2,S4,S5,S7)</li> <li>▪ CB IEC60950-1 (Certified all Models)</li> <li>▪ TUV EN60950-1 (Certified all Models)</li> <li>▪ FCC (Certified Model: S2,S4,S5,S7)</li> </ul>						
EMC Emission	<ul style="list-style-type: none"> <li>▪ EN55022 (CISPR22) Class B</li> <li>▪ EN61000-3-2 Class A</li> </ul>						
EMC Immunity	<ul style="list-style-type: none"> <li>▪ EN61000-4-2 Level 3</li> <li>▪ EN61000-4-3 Level 2</li> <li>▪ EN61000-4-4 Level 3</li> <li>▪ EN61000-4-5 Level 3</li> <li>▪ EN61000-4-11 Level 2</li> </ul>						
Connection Input terminals	Molex 0010634027 or Equivalent parts Mating type = Molex 0009501031 or Equivalent						
Connection Output terminals	Molex 000965268 or Equivalent parts Mating type = Molex 0009501061 or Equivalent						
Weight	0.40kg						
Size (W x H x D)	76.2 x 127.0 x 29.6mm						

1) Ripple and Noise are measured with 20MHz bandwidth, probe terminated with a 22uF electrolytic Capacitor in parallel with a 0.1uF ceramic capacitor.

**Notes:**

- Technical parameters are typical, measured in laboratory environment at 25°C and 230Vac / 50Hz, at nominal values, after minimum 5 minutes of operation.
- Power rating, losses, efficiency, ripple, thermal behaviour and start-up may change outside of the nominal rated input range. Contact factory for details.
- Data may change without prior notice in order to improve the product.

**DIMENSIONS**



**CONNECTION**

**Input Connection:  
CON1**

- Single phase:
- PIN1 = Neutral
  - PIN2 = N.C.
  - PIN3 = Line

**Output Connection:  
CON2**

- PIN1 = Negative DC
- PIN2 = Negative DC
- PIN3 = Negative DC
- PIN4 = Positive DC
- PIN5 = Positive DC
- PIN6 = Positive DC