



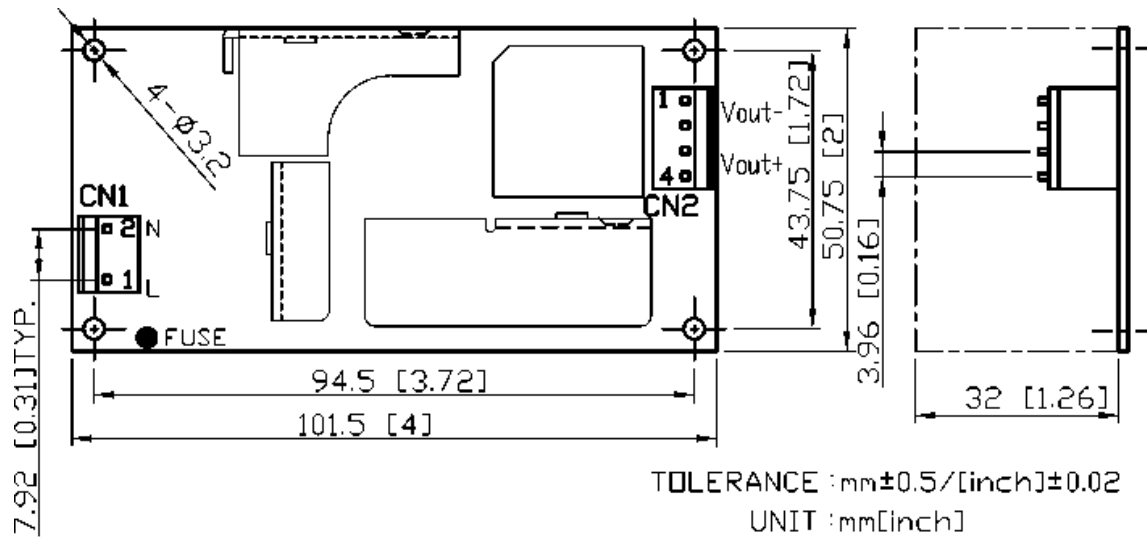
#### ■ **Main Features**

- ⌋ Standard 50.75x101.5mm (2"x4") footprint design with high density power output
- ⌋ Low profile mechanical design for height limitation environment
- ⌋ Designed for Industrial Application, Printer Application, Network System, Telecommunication Application and Storage System
- ⌋ Output Power up to 100W
- ⌋ With 48Vdc to 56Vdc Output suitable for POE Application

**TECHNICAL DATA**

Model type	S2	SW	S4	S6	S5
<b>OUTPUT DATA</b>					
Rated voltage	12Vdc	19Vdc	24Vdc	36Vdc	48Vdc
Adj. output voltage range	12.40...12.60Vdc	18.05...19.95Vdc	23.28...24.72Vdc	34.92...37.08Vdc	46.56...49.44Vdc
Continuous current	8.33A	5.26A	4.16A	2.8A	2.08A
Overload limit	110%...200%				
Line regulation	±1%				
Load regulation	±5%				
Ripple & Noise <sup>1</sup>	240mVpp	240mVpp	240mVpp	360mVpp	480mVpp
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 (145%)</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	1.15A 0.65A				
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	> 85%	> 85%	> 87%	> 87%	> 87%
Output power	100W				
Operating temperature	- 0°C...+ 50°C				
Storage temperature	- 40°C...+ 85°C				
Humidity	5...95% r.H. non condensing				
Overvoltage category	▪ EN50178	III			
Pollution degree	▪ IEC60664-1	2			
Protection Class	▪ CLASS	I			
Input / output isolation	4.2kVdc				
Input / Earth	2.6kVdc				
Safety Standards	<ul style="list-style-type: none"> <li>▪ UL950</li> <li>▪ CB IEC60950-1</li> <li>▪ FCC</li> </ul>	(Certified Model: S2,SW,S4,S6,S5) (Certified Model: S2,SW,S4,S6,S5) (Certified all Models)			
EMC Emission	<ul style="list-style-type: none"> <li>▪ EN55022 (CISPR22)</li> <li>▪ EN61000-3-2</li> </ul>	Class B Class A			
EMC Immunity	<ul style="list-style-type: none"> <li>▪ EN61000-4-2</li> <li>▪ EN61000-4-3</li> <li>▪ EN61000-4-4</li> <li>▪ EN61000-4-5</li> <li>▪ EN61000-4-11</li> </ul>	Level 3 Level 2 Level 3 Level 3 Level 2			
Connection Input terminals	Molex 0009652038 or Equivalent parts				
Connection Output terminals	Molex 0009652048 or Equivalent parts				
Weight	0.200kg				
Size (W x H x D)	50.75 x 101.5 x 32.0mm				
1) Ripple and Noise are measured with 20MHz bandwidth, probe terminated with a 22µF electrolytic Capacitor in parallel with a 0.1µF ceramic capacitor.					
<b>Notes:</b>					
- 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 = Line
  - PIN2 = Neutral

**Output Connection:**  
CON2

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