

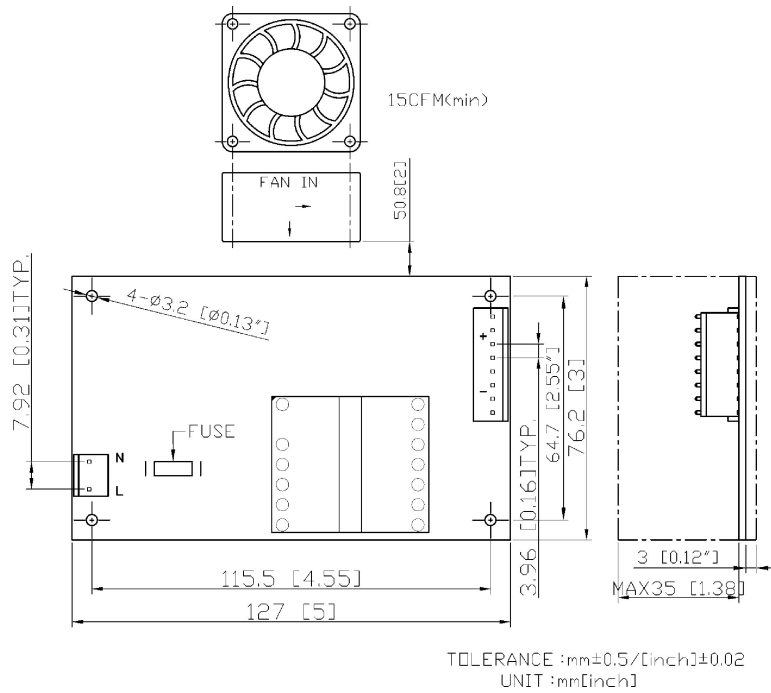
■ **Main Features**

-] Standard 76.2x127.0mm (3"x5") footprint design
-] Design for Industrial Application, Printer Application, Network System, Telecommunication Application and Storage System
-] Output Power up to 200W
-] With 48Vdc to 56Vdc Output suitable for POE Application

TECHNICAL DATA

Model type	S2	S4	S5	S7
OUTPUT DATA				
Rated voltage	12Vdc	24Vdc	48Vdc	56Vdc
Adj. output voltage range	11.40...12.60Vdc	22.80...25.20Vdc	46.56...49.44Vdc	54.32...57.68Vdc
Continuous current	13.0A	7.5A	3.8A	3.57A
Continuous current with forced air	17.0A	9.0A	5.0A	4.46A
Overload limit	110%...200%			
Line regulation	±1%			
Load regulation	±5%			
Ripple & Noise ¹	240mVpp	240mVpp	480mVpp	560mVpp
Hold up time Vin = 115Vac	≥ 10ms			
Protections	<ul style="list-style-type: none"> ▪ Overload/short circuit: Hiccup mode/Auto-recovery ▪ Output overvoltage : Latch Off (140%...170%) 			
INPUT DATA				
Input AC rated voltage Frequency	Nominal: 115...230Vac Range: 90...264Vac 47...63Hz			
Input AC rated current Vin = 115Vac Vin = 230Vac	2.1A 1.2A			2.2A 1.3A
Inrush peak current Vin = 115Vac Vin = 230Vac	≤ 60A ≤ 100A			
Touch (leakage) current	≤ 3.5mA			
Internal protection fuse	Yes (not user replaceable)			
GENERAL DATA				
Efficiency	> 83%			> 85%
Output power	180W	180W	182.4W	200W
Output power with forced air	216W	216W	240W	250W
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"> ▪ EN50178 ▪ IEC60664-1 	III 2		
Protection Class	<ul style="list-style-type: none"> ▪ CLASS 	I		
Input / output isolation	2.2kVdc			
Safety Standards	<ul style="list-style-type: none"> ▪ UL950 ▪ CB IEC60950-1 ▪ FCC 	(Certified) (Certified) (Certified)		
EMC Emission	<ul style="list-style-type: none"> ▪ EN55022 (CISPR22) ▪ EN61000-3-2 	Class B Class D		
EMC Immunity	<ul style="list-style-type: none"> ▪ EN61000-4-2 ▪ EN61000-4-3 ▪ EN61000-4-4 ▪ EN61000-4-5 ▪ EN61000-4-11 	Level 3 Level 2 Level 3 Level 3 Level 2		
Connection Input terminals	Molex 09-65-2038 or Equivalent parts Mating type = Molex 09-52-4034 or Equivalent			
Connection Output terminals	Wafer 8Pin #3.96mm (JST-VH)A3961WV-8P A			
Weight	0.450kg			
Size (W x H x D)	76.2 x 127.0 x 35.0mm			
1) Ripple and Noise are measured with 20MHz bandwidth, probe terminated with a 22µF electrolytic Capacitor in parallel with a 0.1µF ceramic capacitor.				
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 = Line
 - PIN2 = Neutral

**Output Connection:
CON2**

- PIN1 = Positive DC
- PIN2 = Positive DC
- PIN3 = Positive DC
- PIN4 = Positive DC
- PIN5 = Negative DC
- PIN6 = Negative DC
- PIN7 = Negative DC
- PIN8 = Negative DC