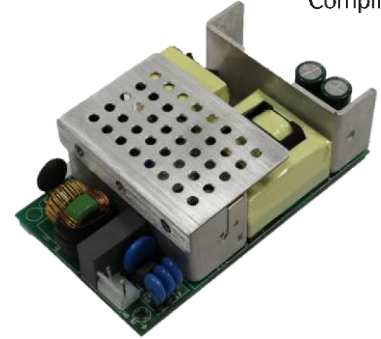


■ Features

- Single output from 156-200W
- Input voltage range: 90-264V
- Output current(0-13000mA)
- 3"x 5" form factor
- High variety of output voltages from 12Vdc-56Vdc
- Efficiency to 85%
- Protections: OVP, SCP, Brown-out, and overload
- UL, cUL, CE, CB, EFF certifications



*Product images are for illustrative purposes only and may vary from actual design.

■ Applications

- Network system, telecommunication system, storage system, industrial equipment, and printers

■ Model List*(See part number scheme for model number details)

Model Number	Input Voltage	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Ripple & Noise (mVp-p)	Certificates
SP200-1121	90–264Vac	156W	12V	0	13A	83%	120	UL/cUL/CB CE/EFF
SP200-1241	90–264Vac	180W	24V	0	7.5A	83%	240	UL/cUL/CB CE/EFF
SP200-1481	90–264Vac	182.4W	48V	0	3.8A	83%	480	UL/cUL/CB CE/EFF
SP200-1561	90–264Vac	200W	56V	0	3.57A	85%	560	UL/cUL/CB CE/EFF

Notes:

1. Load regulation is tested at 10% to 100% of the rated load.
2. Peak-to-peak for 156W, 180W, 182.4W, and 200W models, convection rating @90Vac MIN.; Measurements with a 20MHz bandwidth and terminated with a 22uF electrolytic Cap. In parallel with a 0.1uF ceramic Cap.

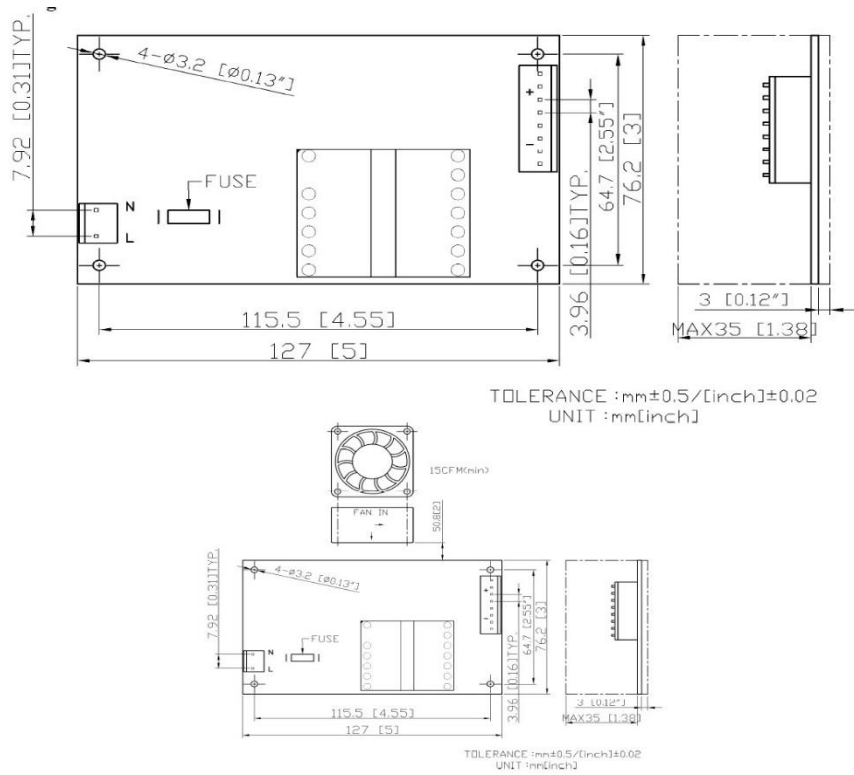
■ **Technical Data**

Input Voltage	90 – 264Vac
Frequency	50/60 Hz
Input Current	@115Vac 4A rms ; @230Vac 2A rms
Inrush Current	Cold Start@ 115Vac, at25°C < 60 Ap-p Cold Start@ 230Vac, at25°C < 100 Ap-p
Load Regulation	±5%
Line Regulation	±1%
Turn-on Time	<3 Sec (Full Load @115Vac)
Hold-up Time	> 12mSec (Full Load @115Vac)
Safety Ground Leakage Current	<3.5mA (Class I Type@230Vac 50Hz)
Brown-out Protection	Auto-Recovery
Over Voltage Protection	Latch off (110%-170%)
Over Load Protection	Hiccup/Auto-Recovery
Short circuit protection	Hiccup/Auto-Recovery
Operating Temperature	0-50°C
Storage Temperature	-40-85°C
Storage Humidity	5%-95% RH

■ **Safety and EMC Approval**

UL 60950-1	✓
cUL 60950-1	✓
CB Report(IEC60950-1)	✓
CE	✓
EFF	✓

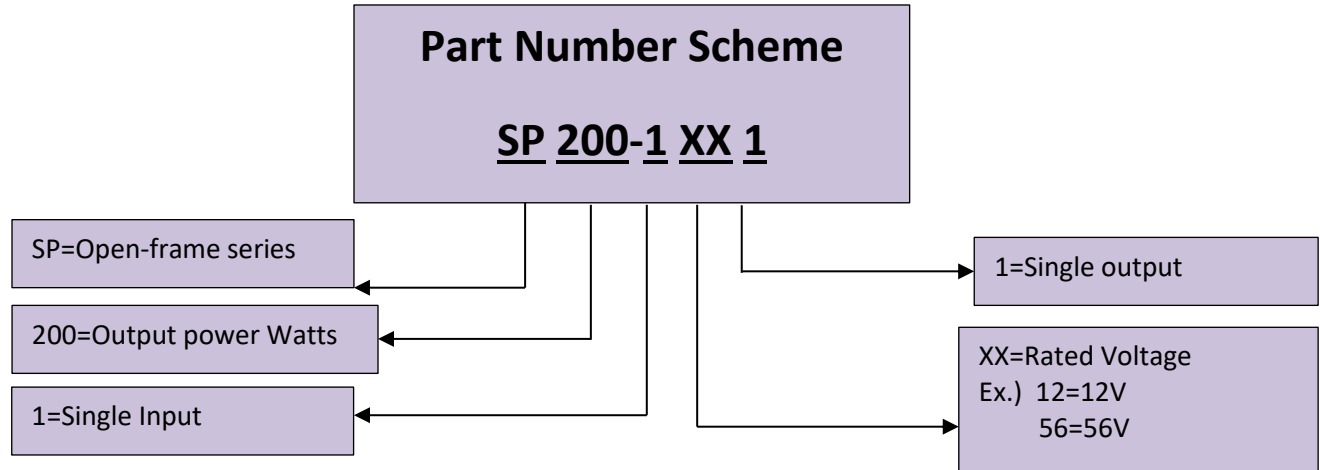
■ **Mechanical Diagram**



Dimensions: 3"x5"x1" (W x L x H inch)

■ **Connector Types & PIN Assignments**

Connector	Connector Type	PIN Number	Signal
CON 1 (INPUT)	Molex 09-65-2038 or Equivalent parts Mating Type=Molex 09-52-4034 or Equivalent	PIN 1 PIN 2	LINE NEUTRAL
CON2 (OUTPUT)	WAFER 8PIN P=3.96mm(JST-VH)A3961WV-8P A 10/21 05	PIN 1~4 PIN 5~8	V+ RETURN V-



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***Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.**