

Dimension: L127×W76.2×H34mm (5"×3"×1.34")

Electrical specifications

Input

- Input range : 90-264VAC
- Frequency : 47 - 63Hz
- Power factor: > 0.9
- Inrush current : <30A peak @ 115VAC; <60A peak @ 230VAC cold start @25° deg C
- Input current : 2.5A max. (RMS) @ 115VAC
- Efficiency : 85% typical at full load

Output

- Maximum power : 120W convection cooling
- Hold-up time :16ms at 120 watt load and 115VAC nominal line
- Short circuit protection : Auto recovery
- Over load protection : Over load protected 150% max.
- Over voltage protection : Output 110% to 130% rated output voltage

Safety standards

UL 60950-1
 CSA C22.2 No.60950-1
 TUV EN60950-1
 CB IEC 60950-1

EMI standards

FCC Class B
 CISPR 22 Class B
 EN 55022 Class B
 EN 55024
 EN 61000-3-2 Class D
 CE

Environmental

- Operating temperature: 0°C to +40°C ambient derate each output at 2.5% per degree from +40°C to +60°C
- Storage temperature: -10 deg C to +70 deg C
- Humidity: Non-condensing 20% to 90%
- Temperature coefficient: ±0.04% per degree C
- MTBF demonstrated:>80,000 hours at full load and 25° deg C ambient temperature

DC OUTPUT & FEATURES

Model No.	Output Voltage	Minimum Load	Maximum Load with Convection Cooling	Output Watts	O/P Regulation	Ripple & Noise(Vp-p)
PW-120B-1Y12P	+12V	0A	10A	120W	3%	120mV
PW-120B-1Y15P	+15V	0A	8A	120W	2%	150mV
PW-120B-1Y18P	+18V	0A	6.67A	120W	2%	180mV
PW-120B-1Y19P	+19V	0A	6.32A	120W	2%	190mV
PW-120B-1Y24P	+24V	0A	5A	120W	2%	240mV
PW-120B-1Y30P	+30V	0A	4A	120W	2%	300mV
PW-120B-1Y32P	+32V	0A	3.75A	120W	2%	320mV
PW-120B-1Y36P	+36V	0A	3.34A	120W	2%	360mV
PW-120B-1Y48P	+48V	0A	2.5A	120W	2%	480mV

Note:

1. At 25°C including initial tolerance, line voltage, load currents and output voltages adjusted to factory settings.
2. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.



POWER-WIN TECHNOLOGY CORP.

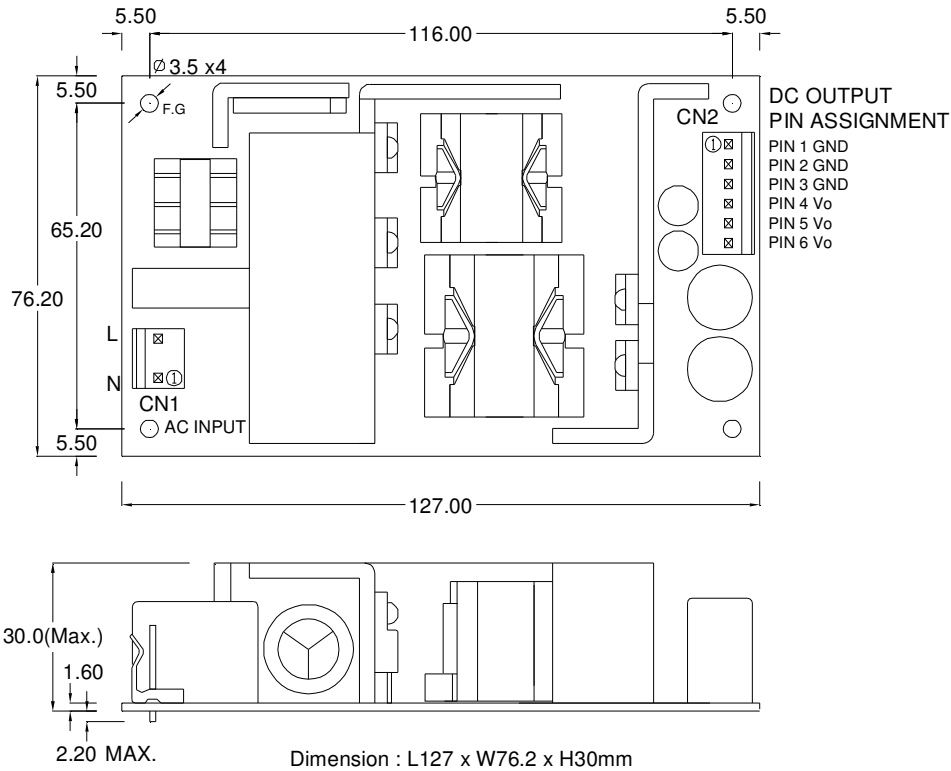
5F-6, No. 79, Sec. 1, Hsin-Tai 5th Rd., Shi-Chi, Taipei Hsien, Taiwan, R.O.C.

Tel : 886-2-26983989(Rep) Fax : 886-2-26983978

http : //www.power-win.com

E-Mail : sales@power-win.com

MECHANICAL SPECIFICATION



MATCHING CONNECTORS

CN1 = AC INPUT MOLEX P/N: 09-65-2029 (OR EQUIVALENT) FEMALE HOUSING MOLEX P/N: 09-76-1020 (OR EQUIVALENT)
CN2 = DC Output MOLEX P/N: 09-65-2068 (OR EQUIVALENT) FEMALE HOUSING MOLEX P/N: 09-52-4064 (OR EQUIVALENT)



POWER-WIN TECHNOLOGY CORP.

5F-6, No. 79, Sec. 1, Hsin-Tai 5th Rd., Shi-Chi, Taipei Hsien, Taiwan, R.O.C.

Tel : 886-2-26983989(Rep) Fax : 886-2-26983978

http : //www.power-win.com

E-Mail : sales@power-win.com