

## Special Features

- Universal Input Voltage range
- High Efficiency and Reliability
- Small size and low profile
- High power density
- Low lose in empty load
- Low output ripple
- MTBF demonstrated: >50,000 hours
- Constant current



## Electrical Specs

### Input

- Input voltage  90~264 VAC
- Frequency  47-63 Hz
- Input Current  0.8A @Vin100Vac full load
- Inrush Current  30A @Vin110Vac, Cold start at 25°C
- Efficiency  80% min
- Leakage Current  <0.25mA @ 50/60 Hz.

### Output

- Maximum power  20W max
- Hold Up Time   $\geq 10$  msec 240Vac input voltage
- SCP  short circuited protection and with auto-recovery function

## Environment

- Operating temperature : 0° to 40°C
- Storage temperature : -20°C to +70°C
- Operating Humidity : 20% to 80% RH.
- Storage Humidity : 5% to 95% RH

Vibration:  
Three orthogonal axes, sweep at 1 oct/min,  
5 min. dwell at four

major resonances 0.75G peak 5Hz to  
500Hz, operational.

## Contact Information

WEBSITE: [WWW.PHIPOL.COM](http://WWW.PHIPOL.COM)  
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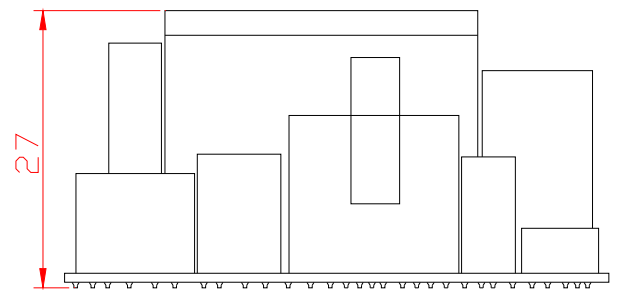
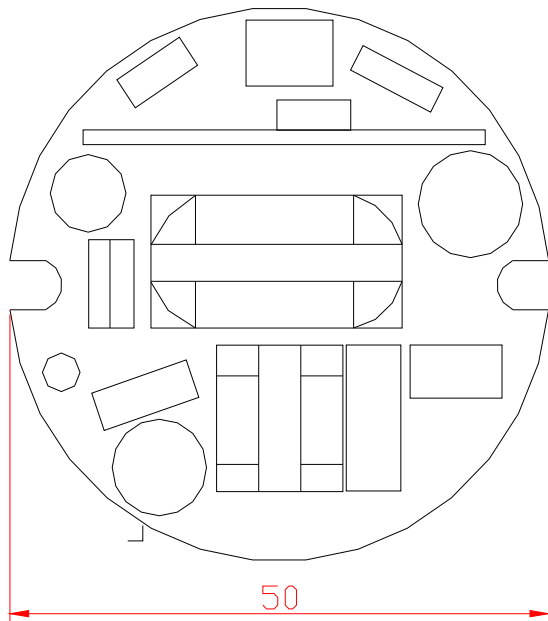
## Safety

- Meet UL60950
- EMC standard: EN55022 and FCC part 15 (class B)

## Ordering Information

Part Number	Input Volts	Output Volts	Road	Max Power	Regulation	Ripple P/P (PARD)
PP20LF1	90~264 Vac	9-12Vdc	1670mA	20W	± 5%	240mV
PP20LF2	90~264 Vac	15-24Vdc	830mA	20W	± 5%	300mV
PP20LF3	90~264 Vac	25-40Vdc	50mA	20W	± 5%	400mV

## Mechanical Drawing



**Notes:**

1. Dimensions shown in mm as left.
2. Size: 50 x 27mm (+/-1.0mm)
3. Input / Output cable: Of your choice.