

## Special Features

- Universal Input Voltage range
- High Efficiency and Reliability
- Small size and low profile
- AC inlet: C6, C14
- High power density
- Low lose in empty load
- Low output ripple
- MTBF demonstrated: >50,000 hours



## Electrical Specs

### Input

- Input voltage  90~264 VAC
- Frequency  47-63 Hz
- Input Current  2A @Vin90Vac full load
- Inrush Current  30/60A @Vin110/230Vac, Cold start
- Efficiency  78% min
- Leakage Current  <3.5mA @ 50/60 Hz.

### Output

- Maximum power  150W max
- Hold Up Time   $\geq 10$  msec 240Vac input voltage
- Overload protection   $\leq 150\%$  @ all input voltage
- Over shoot   $\leq 10\%$  of normal voltage value.
- SCP  short circuited protection and with auto- recovery function

## Environment

- Operating temperature : 10° to 40°C
- Storage temperature : -20°C to +80°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  
SALES E-MAIL: Sales.phipol@gmail.com  
info@phipol.com

## Safety

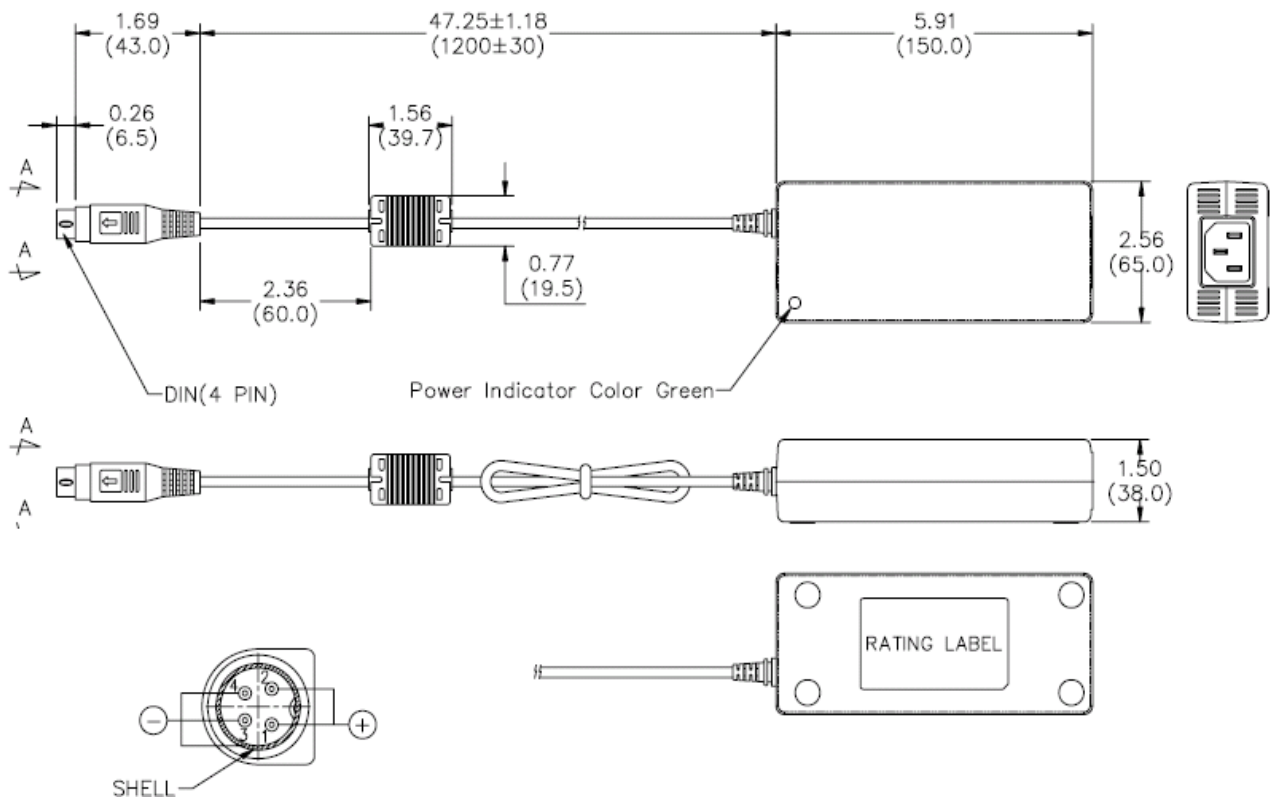
- UL/cUL (UL60950-1) ● CCC
- CE/CB (EN60950-1) ● PSE
- GS/TUV (EN60950-1) ● EK mark
- EMC standard: EN55022 and FCC part 15 (class B)



## Ordering Information

Part Number	Input Volts	Output Volts	Road	Max Power	Regulation	Ripple P/P (PARD)
PAC080F	100~240 Vac	12Vdc	6.66A	80W	± 5%	120mV
PAC090H	100~240 Vac	15Vdc	6.0A	90W	± 5%	150mV
PAC090K	100~240 Vac	19Vdc	4.73A	90W	± 5%	200mV
PAC090M	100~240 Vac	24Vdc	3.75A	90W	± 5%	250mV
PAC100F	100~240 Vac	12Vdc	8.33A	100W	± 5%	120mV
PAC100H	100~240 Vac	15Vdc	6.66A	100W	± 5%	150mV
PAC100K	100~240 Vac	19Vdc	5.26A	100W	± 5%	200mV
PAC100M	100~240 Vac	24Vdc	4.16A	100W	± 5%	250mV
PAC120F	100~240 Vac	12Vdc	10A	120W	± 5%	120mV
PAC120H	100~240 Vac	15Vdc	8A	120W	± 5%	150mV
PAC120K	100~240 Vac	19Vdc	6.31A	120W	± 5%	200mV
PAC120M	100~240 Vac	24Vdc	5A	120W	± 5%	250mV
PAC150F	100~240 Vac	12Vdc	12.5A	150W	± 5%	120mV
PAC150H	100~240 Vac	15Vdc	10A	150W	± 5%	150mV
PAC150K	100~240 Vac	19Vdc	7.9A	150W	± 5%	200mV
PAC150M	100~240 Vac	24Vdc	6.25A	150W	± 5%	250mV

## Mechanical Drawing



**Notes:**

1. Dimensions shown in mm as left.
2. Size: 150 x 65x 38mm (+/-1.0mm)
3. AC inlet and DC cable: Of your choice.



Concentric Barrel Plug		
A (OD)	B (ID)	C (L)
6.5	3.0	8~14
5.5	2.5	8~14
5.5	2.1	8~14
5.0	2.5	8~14
5.0	2.1	8~14
3.8	1.35	8~14
3.8	1.05	8~14
3.5	1.35	7~14