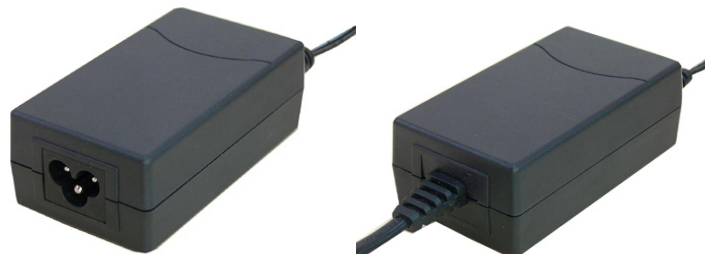


## Special Features

- Universal Input Voltage range
- High Efficiency and Reliability
- Small size and low profile
- AC inlet: C6, C8, With US AC cord.
- 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  1.1A @Vin90Vac full load
- Inrush Current  30/60A @Vin110/230Vac, Cold start
- Efficiency  70% min
- Leakage Current  <0.25mA @ 50/60 Hz.

### Output

- Maximum power  25W max
- Hold Up Time  ≥10 msec 240Vac input voltage
- Overload protection  ≤ 150% @ all input voltage
- Over shoot  ≤ 10% of normal voltage value.
- SCP  short circuited protection and with auto-recovery function

## Environment

- Operating temperature : 0° 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

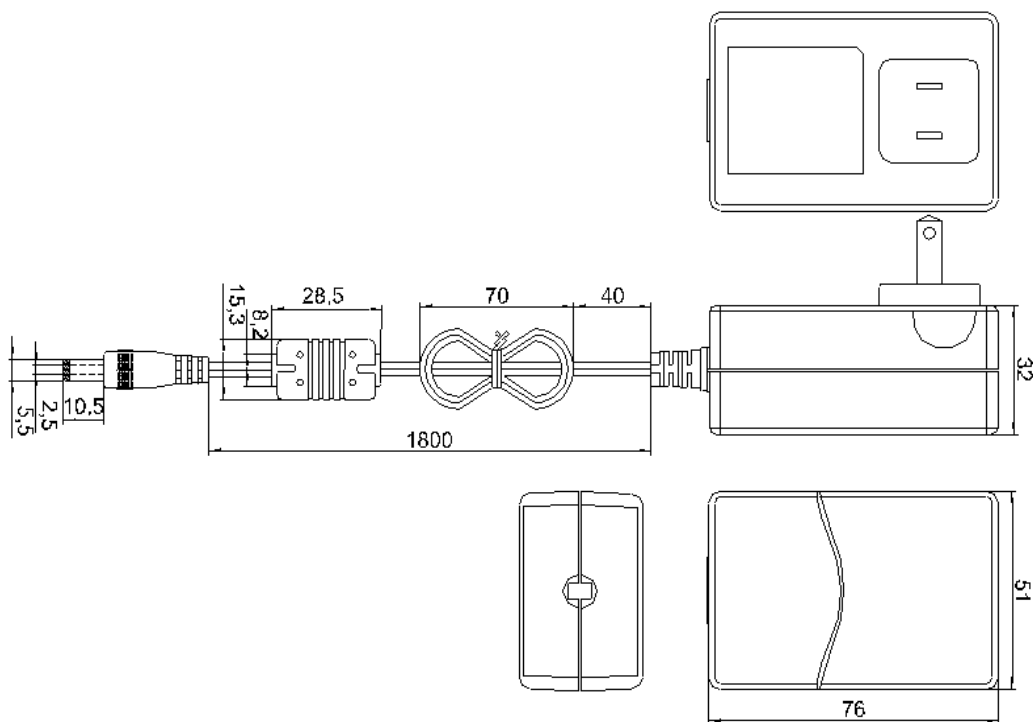
- UL/CUL (UL60950-1) (UL60065-1)
- CE/CB (EN60950-1) (EN60065-1)
- EMC standard: EN55022 and FCC part 15 (class B)



## Ordering Information

Part Number	Input Volts	Output Volts	Road	Max Power	Regulation	Ripple P/P (PARD)
BI25-XXXXYY-E1	100~240 Vac	3V-4.5Vdc	0.1-2.7A	10 W	± 5%	50mV
BI25-XXXXYY-E1	100~240 Vac	4.6V-6Vdc	0.1-3.92A	20 W	± 5%	50-80mV
BI25-XXXXYY-E1	100~240 Vac	6.1V-9Vdc	0.1-3.61A	22 W	± 5%	80-100mV
BI25-XXXXYY-E1	100~240 Vac	9.1V-24Vdc	0.1-2.75A	25 W	± 5%	100-250mV
BI25-XXXXYY-B1	100~240 Vac	3V-4.5Vdc	0.1-2.7A	10 W	± 5%	50mV
BI25-XXXXYY-B1	100~240 Vac	4.6V-6Vdc	0.1-3.92A	20 W	± 5%	50-80mV
BI25-XXXXYY-B1	100~240 Vac	6.1V-9Vdc	0.1-3.61A	22 W	± 5%	80-100mV
BI25-XXXXYY-B1	100~240 Vac	9.1V-24Vdc	0.1-2.75A	25 W	± 5%	100-250mV
BI25-XXXXYY-U1	100~240 Vac	3V-4.5Vdc	0.1-2.7A	10 W	± 5%	50mV
BI25-XXXXYY-U1	100~240 Vac	4.6V-6Vdc	0.1-3.92A	20 W	± 5%	50-80mV
BI25-XXXXYY-U1	100~240 Vac	6.1V-9Vdc	0.1-3.61A	22 W	± 5%	80-100mV
BI25-XXXXYY-U1	100~240 Vac	9.1V-24Vdc	0.1-2.75A	25 W	± 5%	100-250mV

## Mechanical Drawing



### Notes:

1. Dimensions shown in mm as left.
2. Size: 76 x 51 x 32mm (+/-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

