

## Special Features

- Universal Input Voltage range
- High Efficiency and Reliability
- Small size and low profile
- AC inlet: 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 @Vin100Vac full load
- Inrush Current  100A @Vin110Vac, Cold start
- Efficiency  83% min
- Leakage Current  <3.5mA @ 50/60 Hz.
- PFC  PF:0.9

### Output

- Maximum power  130W 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
- SVP  ≥ 130% normal voltage.
- STP  Temperature of PSU rise to 110~130 degree C

## 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

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## Safety

- UL 60601 CAN/CSA C22.2 E250773-A1-UL-1
- CB IEC60601-1 NO.29822
- CE IEC60601/EN61000 GTK-0405069
- Hi-pot : 4800Vac,10mA 2sec between primary to secondary cicuit .

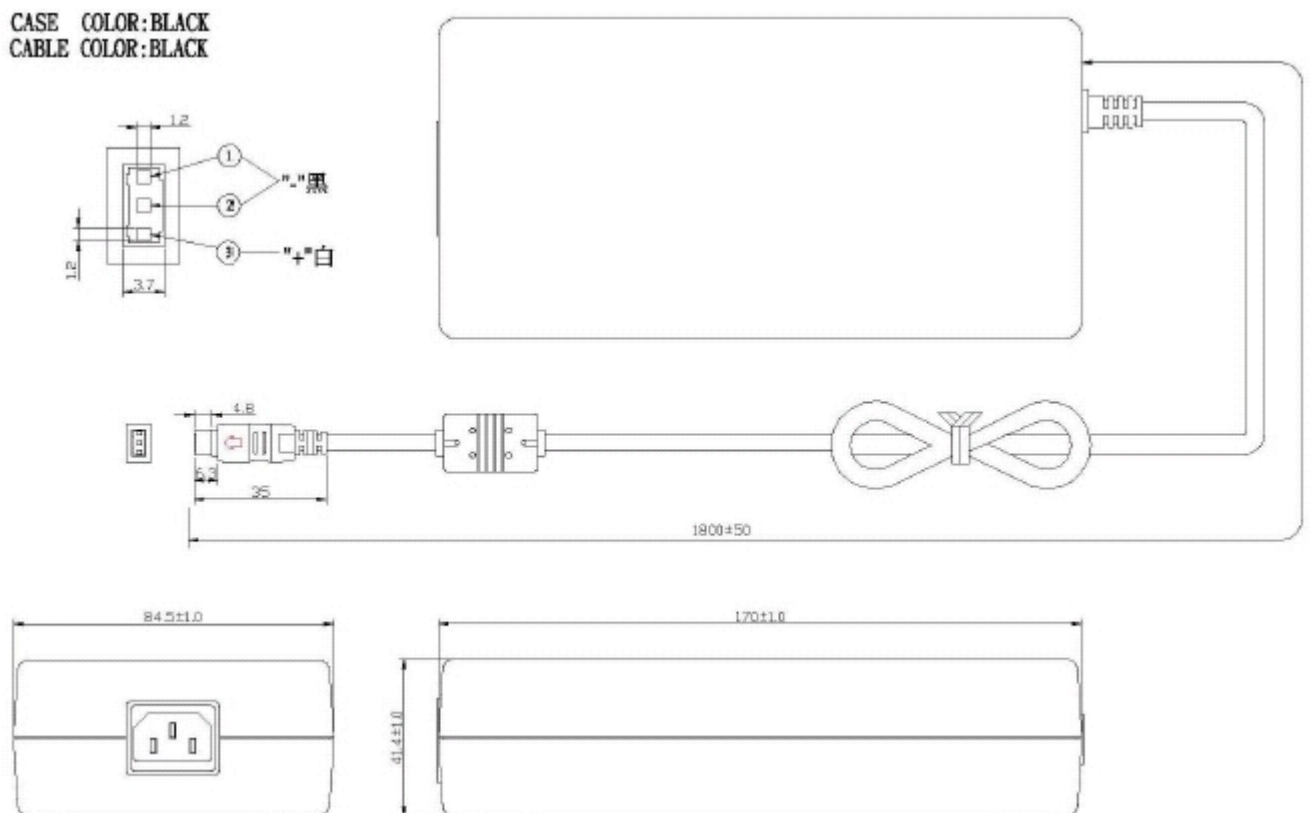


## Ordering Information

Part Number	Input Volts	Output Volts	Road	Max Power	Regulation	Ripple P/P (PARD)
LE-0312B120W	90~264 Vac	12Vdc	10A	120W	± 5%	120mV
LE-0312B120W	90~264 Vac	19Vdc	6.32A	120W	± 5%	200mV
LE-0312B120W	90~264 Vac	20Vdc	6A	120W	± 5%	200mV
LE-0312B120W	90~264 Vac	24Vdc	5A	120W	± 5%	250mV
LE-0312B120W	90~264 Vac	36Vdc	3.33A	120W	± 5%	400mV
LE-0312B120W	90~264 Vac	48Vdc	2.5A	120W	± 5%	480mV
LE-0312B130W	90~264 Vac	20Vdc	6.5A	130W	± 5%	200mV
LE-0312B130W	90~264 Vac	24Vdc	5.42A	130W	± 5%	250mV
LE-0312B130W	90~264 Vac	36Vdc	3.6A	130W	± 5%	400mV
LE-0312B130W	90~264 Vac	48Vdc	2.7A	130W	± 5%	480mV

## Mechanical Drawing

CASE COLOR:BLACK  
CABLE COLOR:BLACK



Notes:

1. Dimensions shown in mm as left.
2. Size: 170 x 84.5x 41.5mm (+/-1.0mm)
3. 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

