

## Special Features

- Universal Input Voltage range
- High Efficiency and Reliability
- Small size and low profile
- Waterproof IP67
- 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  2.5A @Vin90Vac full load
- Inrush Current  80A @Vin240Vac, Cold start at 25°C
- Efficiency  87% min
- Leakage Current  <3.5mA @ 50/60 Hz.

### Output

- Maximum power  120W max
- Hold Up Time  ≥10 msec 240Vac input voltage
- Overload protection  ≤ 110~150% @ all input voltage
- Over shoot  ≤10% of normal voltage value.
- SCP  short circuited protection and with auto- recovery function

## Environment

- Operating temperature : -20° to 50°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.

## Safety

- Meet UL1310
- Meet CE (EN61347)
- EMC standard: EN55022 and FCC part 15 (class B)

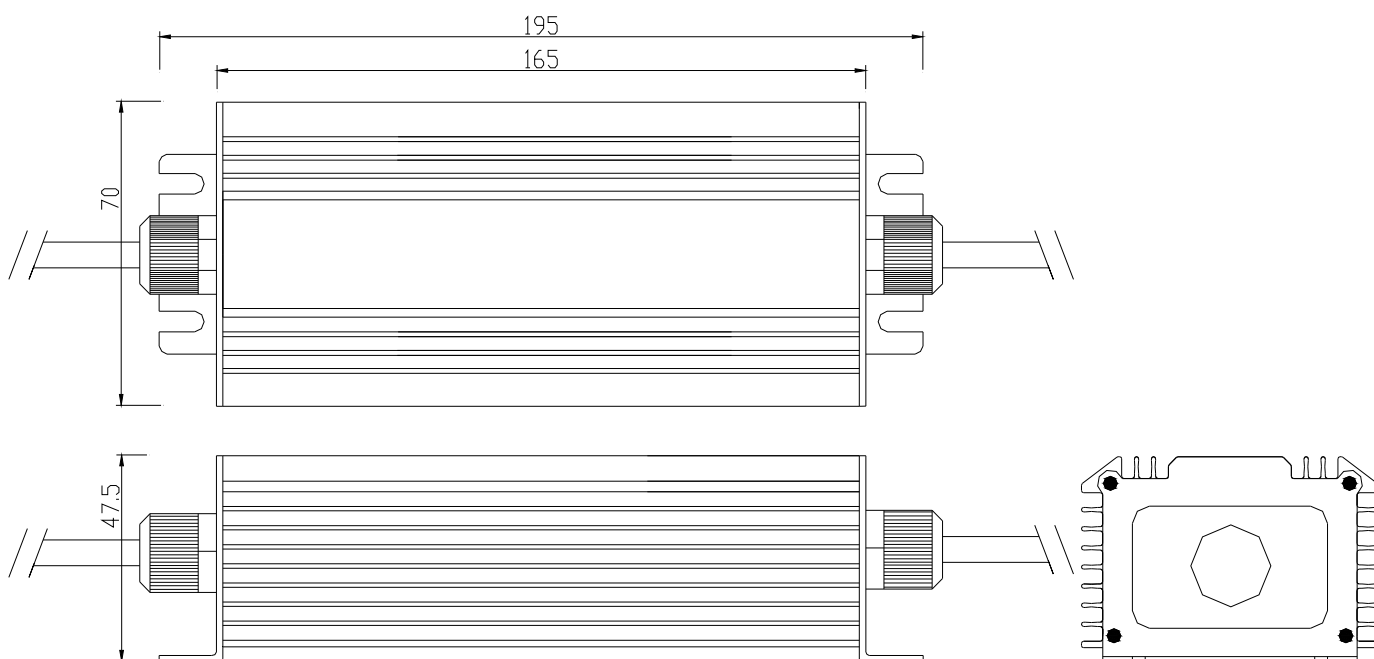
## Contact Information

WEBSITE: WWW.PHIPOL.COM  
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info@phipol.com

## Ordering Information

Part Number	Input Volts	Output Volts	Road	Max Power	Regulation	Ripple P/P (PARD)
PP120LC120100	90~264 Vac	12Vdc	10A	120W	± 5%	120mV
PP120LC150800	90~264 Vac	15Vdc	8A	120W	± 5%	150mV
PP120LC160750	90~264 Vac	16Vdc	7.5A	120W	± 5%	200mV
PP120LC240500	90~264 Vac	24Vdc	5A	120W	± 5%	240mV
PP120LC350343	90~264 Vac	35Vdc	3.43A	120W	± 5%	350mV
PP120LC480250	90~264 Vac	48Vdc	2.5A	120W	± 5%	480mV
PP120LC750160	90~264 Vac	75Vdc	1.6A	120W	± 5%	750mV

## Mechanical Drawing



**Notes:**

1. Dimensions shown in mm as left.
2. Size: 195 x 70x 47.5mm (+/-1.0mm)
3. Input / Output cable: Of your choice.