

Special Features

- Car cigarette plug type
- Compact size & low profile
- Optional output connector
- Standard car cigarette lighter socket
- Universal input
- Wide range input:12~32VDC
- High efficiency
- Compact size:L142 * W62 * H36mm

RoHS



Electrical Specs

- Input voltage ○ 12~32 VDC
- Efficiency ○ 85% min
- Output voltage ○ 32V~48V
- Maximum power ○ 90W max
- Protection ○ SCP: Short circuited protection,the power supply shall be protected such that a short from output to return shall not result in a fire hazard, shock hazard or damage to the power supply.
○ OCP:Over current protection,the output current shall limit the maximum of 150%
- LED indicator ○ Normal operation:Green light LED indication
Protection mode:Blink or off
- Life ○ 12,000 hours(8 hours*300 days*5 years)
at DC full-loading,AC110Vac/240Vac voltage
and ambient temperature 25° C
- MTBF ○ 50,000 power on hours at 25°C
- Burn-In ○ 100% Burn-In with 80~100% loading &
35~40°C environment temperature

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.

Safety

- Design Meet CE (EN60950-1)

Contact Information

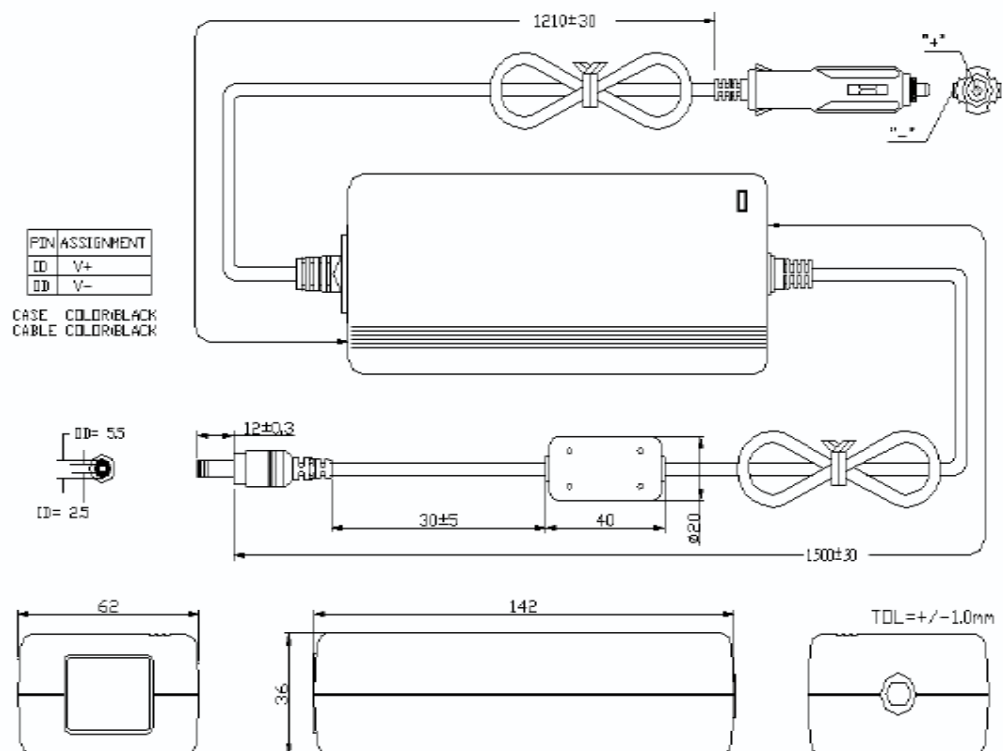
WEBSITE: WWW.PHIPOL.COM

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Ordering Information

Part Number	Input Volts	Output Volts	Load	Max Power	Regulation	Ripple P/P (PARD)
PP90DCC320280	12~32 Vdc	32V	0-2.8A	90 W	± 5%	320mV
PP90DCC360250	12~32 Vdc	36V	0-2.5A	90 W	± 5%	360mV
PP90DCC400225	12~32 Vdc	40V	0-2.25A	90 W	± 5%	400mV
PP90DCC480187	12~32 Vdc	48V	0-1.87A	90 W	± 5%	480mV

Mechanical Drawing



Notes:

1. Dimensions shown in mm as left.
2. Size: 142 x 62x 36mm (+/-1.0mm)
3. 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