

Special Features

- Car cigarette plug type
- Compact size & low profile
- Optional output connector
- Standard car cigarette lighter socket
- Universal input
- Wide range input:36~72VDC
- High efficiency
- Compact size:L142 * W62 * H36mm

RoHS



Electrical Specs

- | | |
|------------------|--|
| ● Input voltage | ○ 36~72 VDC |
| ● Efficiency | ○ 70% min |
| ● Output voltage | ○ 5V~32V |
| ● 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 |
| ● Brun-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.

Contact Information

WEBSITE: WWW.PHIPOL.COM

SALES E-MAIL: Sales.phipol@gmail.com
info@phipol.com

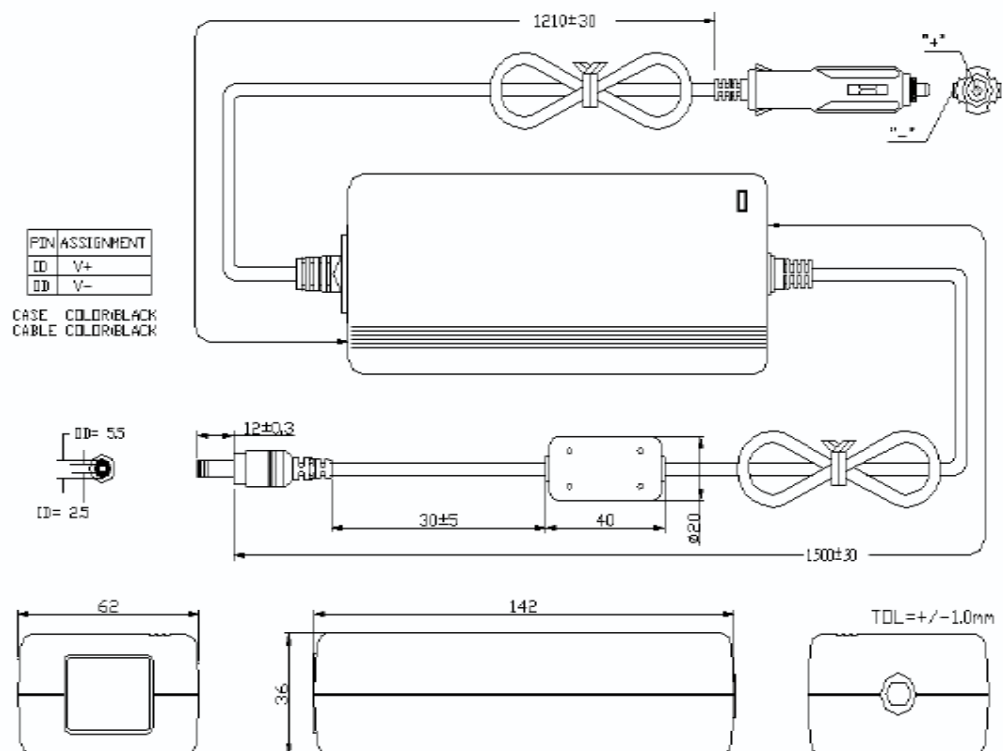
Safety

- Design Meet CE (EN60950-1)

Ordering Information

Part Number	Input Volts	Output Volts	Load	Max Power	Regulation	Ripple P/P (PARD)
PP90DCB050900	36~72 Vdc	5V	0-9A	45 W	± 5%	50mV
PP90DCB060900	36~72 Vdc	6V	0-9A	54 W	± 5%	60mV
PP90DCB075800	36~72 Vdc	7.5V	0-8A	60 W	± 5%	75mV
PP90DCB090750	36~72 Vdc	9V	0-7.5A	67.5 W	± 5%	90mV
PP90DCB120750	36~72 Vdc	12V	0-7.5A	90 W	± 5%	120mV
PP90DCB150600	36~72 Vdc	15V	0-6A	90 W	± 5%	150mV
PP90DCB180500	36~72 Vdc	18V	0-5A	90 W	± 5%	180mV
PP90DCB240375	36~72 Vdc	24V	0-3.75A	90 W	± 5%	240mV
PP90DCB320281	36~72 Vdc	32V	0-2.81A	90 W	± 5%	320mV

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

