

Special Features

- Universal Input Voltage range
- High Efficiency and Reliability
- Small size and low profile
- AC inlet: C6, C8, C14
- High power density
- Low lose in empty load
- Low output ripple
- MTBF demonstrated: >35,000 hours



Electrical Specs

Input

- Input voltage 90~264 VAC
- Frequency 47-63 Hz
- Input Current 1.4A @Vin90Vac full load
- Inrush Current 30/60A Max @Vin110/230Vac, Cold start
- Efficiency 82% min
- Leakage Current <0.5mA @ 50/60 Hz.

Output

- Maximum power 36W max
- Hold Up Time ≥ 10 msec 240Vac input voltage
- Overload protection $\leq 150\%$ @ all input voltage
- Over shoot $\leq 10\%$ 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

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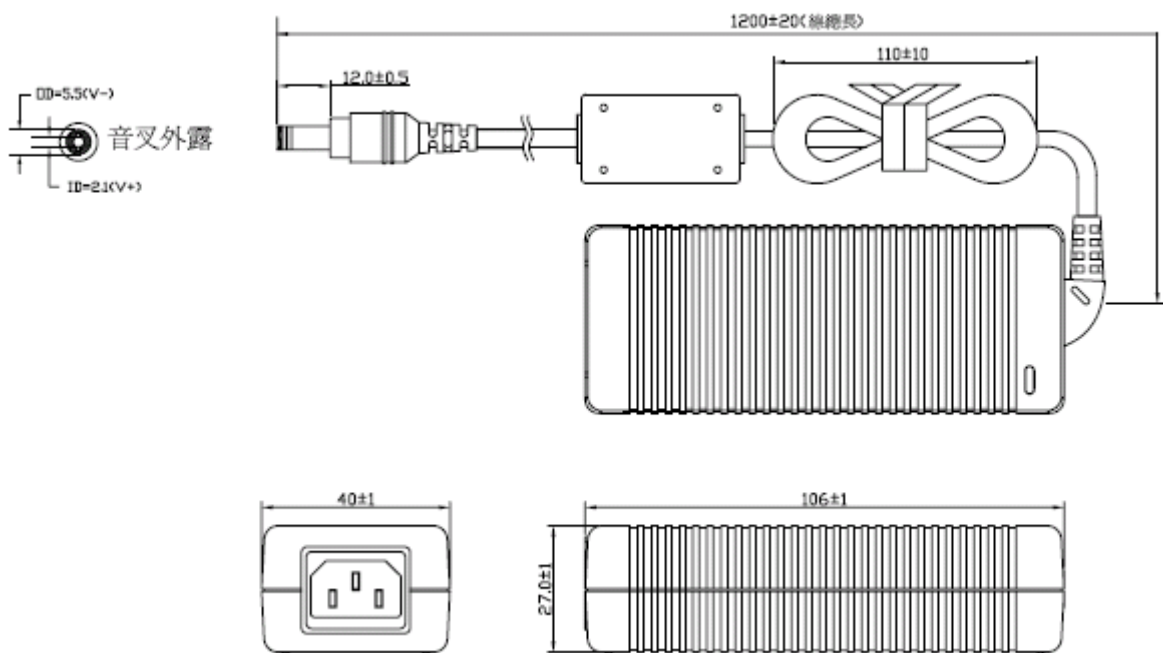
Safety

- UL (UL60950-1)
- CE (EN60950-1)
- CCC
- GS / TUV
- FCC
- 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)
LE-0309B 5~60V	100~240 Vac	5V	4A	20 W	± 5%	120mV
	100~240 Vac	9V	3A	27 W	± 5%	120mV
	100~240 Vac	12V	3A	36 W	± 5%	120mV
	100~240 Vac	15V	2.4A	36 W	± 5%	150mV
	100~240 Vac	24V	1.5A	36 W	± 5%	240mV
	100~240 Vac	30V	1.2A	36 W	± 5%	300mV
	100~240 Vac	36V	1A	36 W	± 5%	360mV
	100~240 Vac	48V	0.75A	36 W	± 5%	480mV
	100~240 Vac	60V	0.6A	36 W	± 5%	600mV

Mechanical Drawing



Notes:

- Dimensions shown in mm as left.
- Size: 106 x 40x 27mm (+/-1.0mm)
- 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

