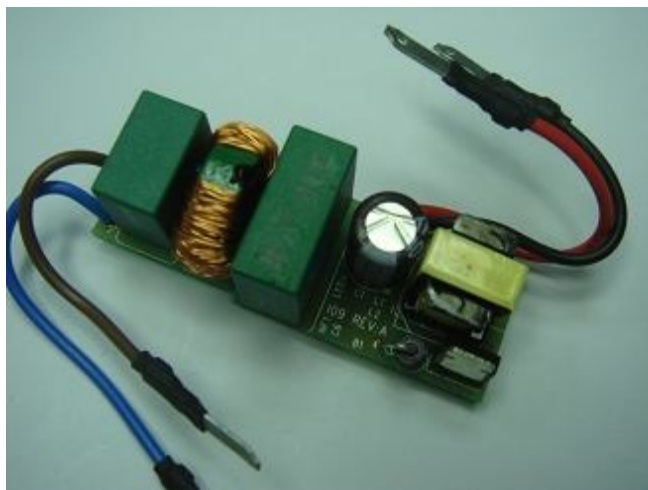


EXCELLENT POWER 8~18W LED driver(Preliminary)



ELECTRICAL SPECIFICATIONS :

INPUT

Input voltage : 100-240Vac
Input frequency : 47 - 63 Hz
Input current : 0.5Arms max.
Efficiency : 83~90% typical at full load
Power factor : 90% min. at full load

OUTPUT

Output rating : as rating charts
Line regulation : 1%
Load regulation : 5%
Constant current tolerance : 5%
Ripple & noise Vp-p : 10% max.
Output power : as rating chart

ENVIRONMENT

Operating : full load -20-50°C convection
Non-operating : -20-85°C
Shock : MIL-STD-610C 516 Part V
Vibration : 10-500 Hz. 16 mins/cycle/axis

FEATURE

Low cost
High efficiency
Non-isolated
Small size
High pfc

DIMENSION : 75x23x20mm

ITEM	Model No	Output	Io max.	Eff.
1	I160-240	18~24V	350mA	>83%
2	I160-300	24~30V	375mA	>85%
3	I160-360	30~36V	360mA	>87%
4	I160-450	36~45V	330mA	>88%
5	I160-560	45~56V	300mA	>90%
6	I160-680	57~68V	270mA	>90%

Remark : Io can be set below the max.

EMC Standards

FCC part 15 Class B
CISPR 15 Class B
CE EN 55015, EN61547

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