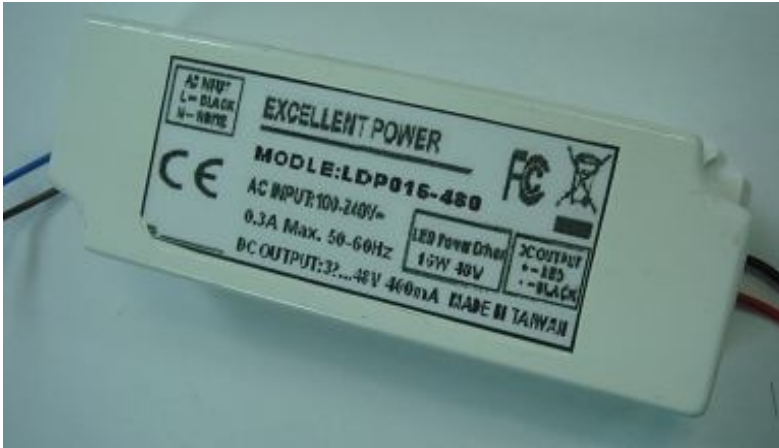


# EXCELLENT POWER 16~19W LED driver(Preliminary)



## ELECTRICAL SPECIFICATIONS :

### INPUT

Input voltage : 100-240Vac  
Input frequency : 47 - 63 Hz  
Input current : 0.4Arms max.  
Efficiency : 80~85% typical at full load  
Total harmonic distortion : 20% max.  
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 : 1%(CV) 10%(CC) max.  
Output power : as rating chart

### PROTECTION :

Over voltage protection : Auto recovery  
Short circuit & overpower protection : Built-in

### FEATURES

Aluminum Chassis or black anodized  
Optional 1-10V dimming  
Optional mains dimming  
Optional CV or CC output  
Optional IP65 rated for outdoor application

### 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

DIMENSION : 110x38x28mm

ITEM	Model No.	Output	Io max.
1	LDP016-12A-BC	7-12V	1.33A
2	LDP016-18A-BC	12~18V	0.90A
3	LDP016-24A-BC	15~24V	0.67A
4	LDP016-30A-BC	21~30V	0.60A
5	LDP016-36A-BC	25~36V	0.50A
6	LDP016-42A-BC	30~42V	0.45A
7	LDP016-48A-BC	39~48V	0.40A
8	LDP016-54A-BC	39~54V	0.35A

Remark : Io can be set below the max.

### MODEL SELECTION GUIDE:

A : 0=Constant current CC output  
1=Constant voltage CV output  
2=1-10V dimmable  
3=mains dimmable  
B : 0=non-IP construction  
1=IP65 outdoor rated  
C : 0=Plastic case  
1=Open frame module

### EMC Standards

FCC part 15 Class B  
CISPR 15 Class B  
CE EN 55015, EN61547  
EN61000-3-2, EN61000-3-3  
IEC 61000-4 Series

### Safety Standards

UL : UL1310 class 2  
cUL:CAN/CSA C22.2 NO. 223-M91  
CE : EN61347-1, EN61347-2-13, EN62384

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