

**FEATURES :**

- Wide Input Voltage 90 to 264VAC,47 to 63Hz
- High Efficiency Up To 80%
- Protection: Short Circuit /Over current/Over voltage
- Meet EMI EN55022 & EMS EN55024 standard
- 3 Years Warranty
- ROHS Compliant

Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Constant Current Region	Max Output Current	Output Power	Efficiency
	(V)	(mA)	(W) Max	%(TYP)
LGA6-120-300	6.0-12.0	300	3.6	78
LGA6-180-300	9.0-18.0	300	5.4	79
LGA6-120-350	6.0-12.0	350	4.2	79
LGA6-180-350	9.0-18.0	350	6.3	80
LGA6-095-500	5.0-9.5	500	4.8	79
LGA6-120-500	6.0-12.0	500	6.0	80
LGA6-045-700	3.0-4.5	700	3.2	78
LGA6-090-700	4.5-9.0	700	6.3	80

**Input Specifications**

Parameters	Conditions	Min	Typ	Max	Units
Rated input voltage	Vo,lo nom		100~240		Vac
Voltage Range	Vo,lo nom	90		264	Vac
Line Frequency	Vi nom,lonom	47	50/60	63	Hz
Inrush Current	lo nom	Vi:115VAC		10	A
		Vi:230VAC		20	A
Power Factor	PF> 0.50 / 115Vac,230Vac at full load				

**Output Specifications**

Parameters	Conditions	Min	Typ	Max	Units
Isolation Voltage	Input / Output		3KVac/ 5mA/5Secs		
Current Accuracy	Vi=100-240Vac		±3	±5	%
Operating Temperature	Operating at Vi nom, lo nom	-20		+50	°C
Protection	Over Current	>108% rated output power(Constant current limiting) Protection type: Recovers automatically after fault condition is removed			
	Over Voltage	120%-150% rated output Voltage Protection type: Recovers automatically after fault condition is removed			
	Short circuit	Recovers automatically after fault condition is removed			

YUAN DEAN SCIENTIFIC



LED Drivers  
**LGA6 SERIES**  
 3~6Watt  
 Single Output  
 3KVac Isolated  
 No PFC  
 Non-Dimmable

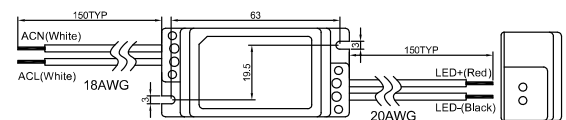


**Part Number**

LG    A    6    -    180    -    350  
 A    B    C    D    E

- A : Series
- B : Package
- C : Output Wattage
- D : Output Voltage
- E : Output Current

**Markings and Dimensions**



L70.0x W33.0 x H22.5 mm

UNIT:mm Unless otherwise specified,all tolerances are ±0.50

[www.yds.com.tw](http://www.yds.com.tw)



TEL: 886-6-3842899    FAX: 886-6-3843288  
 E-MAIL: [ydsweb@yds.com.tw](mailto:ydsweb@yds.com.tw)

Rev:0 2018/07/12