

3-6Watt,Single Output No PFC LED Drivers



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
- 2 Years Warranty
- ROHS Compliant

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

A: Series
B: Package
C: Output Watt
D: Output Voltage
E: Output Current



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

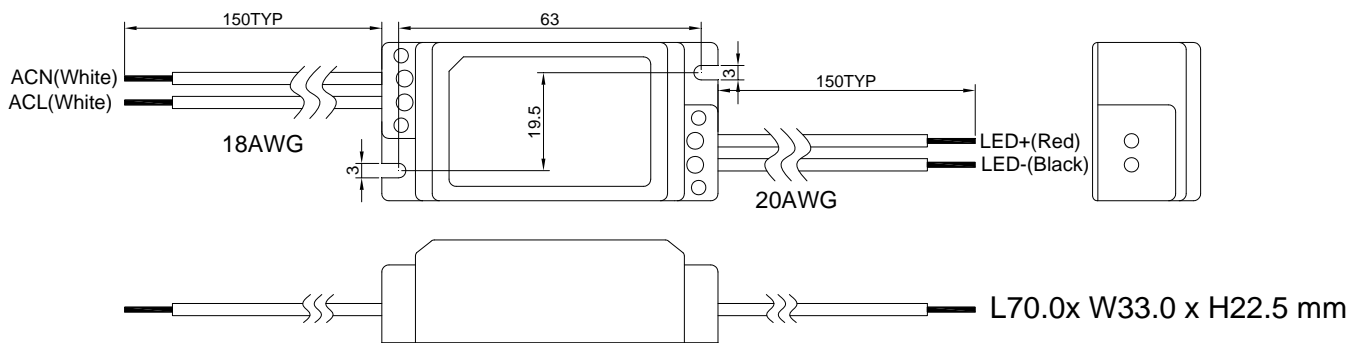
Input Specifications

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	Io nom			10	A
		Vi:115VAC		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				

Markings and dimensions



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