

FEATURES :

- Universal Input 90~264VAC
- High Efficiency to 82% Typical
- Power Factor Correction
- Protection: Short Circuit /Over current/Over voltage
- IP67 design for indoor or outdoor installations
- Application: Suitable for LED lighting and moving sign applications

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)
LGA10A-120-300	6.0-12.0	300	3.6	80
LGA10A-180-300	9.0-18.0	300	5.4	81
LGA10A-260-300	18.0-26.0	300	7.8	82
LGA10A-360-300	24.0-36.0	300	10.8	82
LGA10A-120-350	6.0-12.0	350	4.2	80
LGA10A-180-350	9.0-18.0	350	6.3	81
LGA10A-260-350	18.0-26.0	350	9.1	82
LGA10A-095-500	5.0-9.5	500	4.8	80
LGA10A-120-500	6.0-12.0	500	6.0	81
LGA10A-180-500	9.0-18.0	500	9.0	82
LGA10A-045-700	3.0-4.5	700	3.2	80
LGA10A-090-700	4.5-9.0	700	6.3	81
LGA10A-180-700	12.0-18.0	700	12.6	82

Input Specifications

Parameters	Conditions	Min	Typ	Max	Units
Rated input voltage	Vo,Io nom		100~240		Vac
Voltage Range	Vo,Io nom	90		264	Vac
Line Frequency	Vi nom,Ionom	47	50/60	63	Hz
Inrush Current	Io nom	Vi:115VAC		10	A
		Vi:230VAC		20	A
Power Factor	PF>0.80 / 115Vac 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, Io 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

LGA10A SERIES

3~10Watt

Single Output

3KVac Isolated

PFC

Non-Dimmable

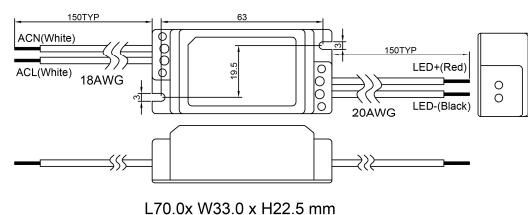


Part Number

LGA10A - 180 - 350
A B C

- A : Series
- B : Output Voltage
- C : Output Current

Markings and dimensions



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

www.yds.com.tw



TEL: 886-6-3842899 FAX: 886-6-3843288
E-MAIL: ydsweb@yds.com.tw

Rev:0 2018/07/17