

Features :

- Universal AC input/Full range (up to 277VAC)
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Built-in active PFC function
- IP65 design for indoor or outdoor installations
- Cooling by free air convection
- High efficiency up to 92%
- OCP point adjustable through internal potentiometer
- Suitable for LED lighting and street lighting applications
- Compliance to worldwide safety regulations for lighting
- Damp / wet location outdoor application
- 2 years warranty

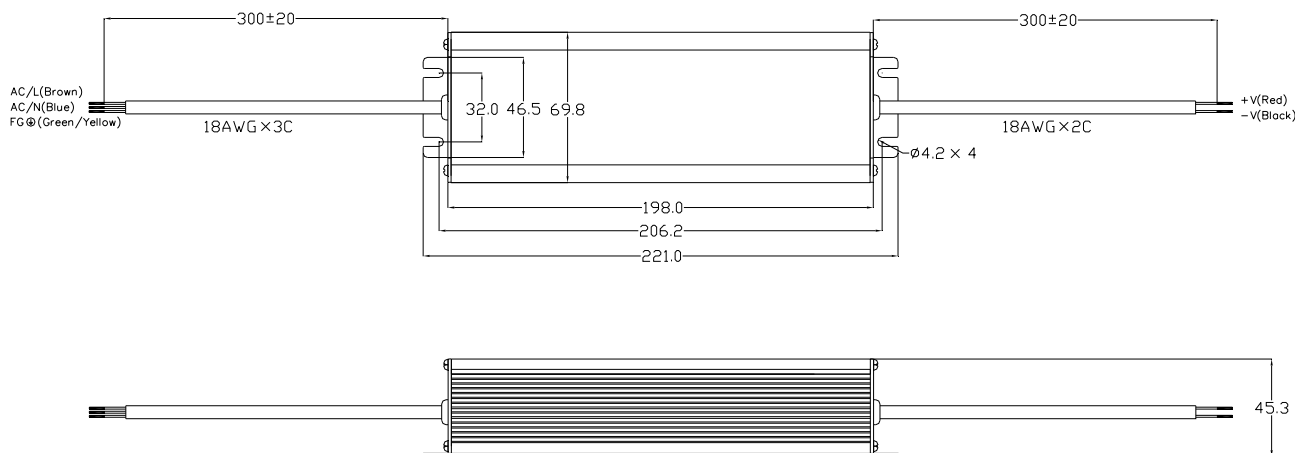


SPECIFICATION:

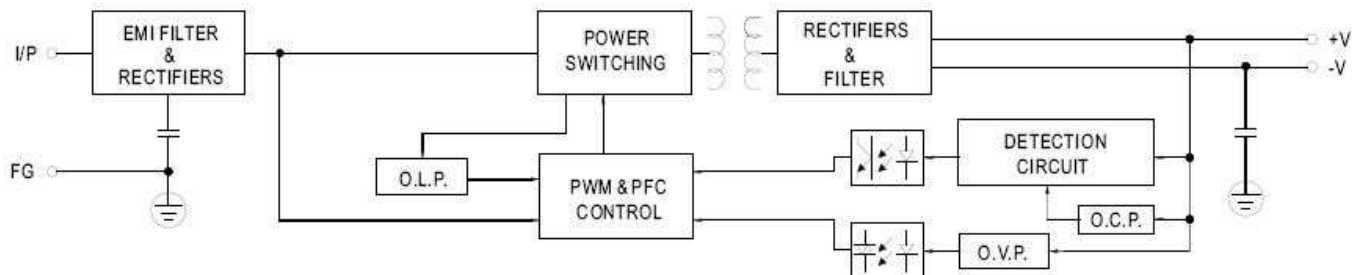
MODEL		LGA150P-12A	LGA150P-24 A	LGA150P-36 A	LGA150P-48 A	LGA150P-54 A	LGA150P-60 A
OUTPUT	DC VOLTAGE	12V	24V	36V	48V	54V	60V
	RATED CURRENT	12.5A	6.3A	4.2A	3.2A	2.8A	2.5A
	RATED POWER	150W	151.2W	151.2W	153.6W	151.2W	150W
	RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	250mVp-p	300mVp-p	300mVp-p	300mVp-p
	VOLTAGE ADJ. RANGE	11-13V	22-26V	33-39V	43-51V	49-58V	55-65V
	CURRENT ADJ. RANGE	7.5-12.5A	3.8-6.3A	2.5-4.2A	1.92-3.2A	1.68-2.8A	1.5-2.5A
	LINE REGULATION	± 1.0%					
	LOAD REGULATION	± 2.0%					
	SETUP,RISE TIME	1300ms, 80ms / 230VAC; 2500ms, 80ms / 115VAC at full load					
HOLD UP TIME (Typ.)	40ms 230VAC / 115VAC at full load						
INPUT	VOLTAGE RANGE	90 ~ 277VAC (Please check the static characteristics for more details)					
	FREQUENCY RANGE	47~63Hz					
	POWER FACTOR	PF>0.98/115VAC, PF>0.95/230VAC, PF>0.92/277VAC at full load					
	EFFICIENCY(Typ.)	90%	92%	92%	92%	93%	93%
	AC CURRENT(at full load)	2A / 115VAC 1A / 230VAC 0.9A / 277VAC					
	INRUSH CURRENT (max.)	COLD START 75A/230VAC					
LEAKAGE CURRENT	<1mA / 277VAC						
PROTECT ON	OVER CURRENT	95 ~ 108%					
	SHORT CIRCUIT	Protection type : Constant current limiting, recovers automatically after fault condition is removed					
	OVER VOLTAGE	14~17V	28~34V	41~46V	54~63V	59~65V	68~75V
	OVER TEMPERATURE	105±10°C (RT2)					
ENVIRONMENT	WORKING TEMP.	-30 ~ +60 @ full load ; +70 @ 60% load					
	WORKING HUMIDITY	20~95% RH non-condensing					

	STORAGE TEMP., HUMIDITY	-40~80℃, 10~95% RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes
SAFETY & EMC	SAFETY STANDARDS	Design refer to UL60950-1, UL8750, TUV EN60950-1, EN61347-1,EN61347-2-13, CSA C22.2 No.250.0-08, meet IP65
	WITHSTAND VOLTAGE	I/P-O/P:3.0KVAC
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25℃/70% RH
	EMC CONDUCTION & RADIATION	Compliance to EN55015, EN55022 (CISPR22) Class B
	HARMONIC CURRENT	Compliance to EN61000-3-2 Class C (≥75% load) ; EN61000-3-3
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; EN55024, EN61547, light industry level (surge 4KV) , criteria A
DIMENSION		221*69.8*45.3mm (L*W*H)

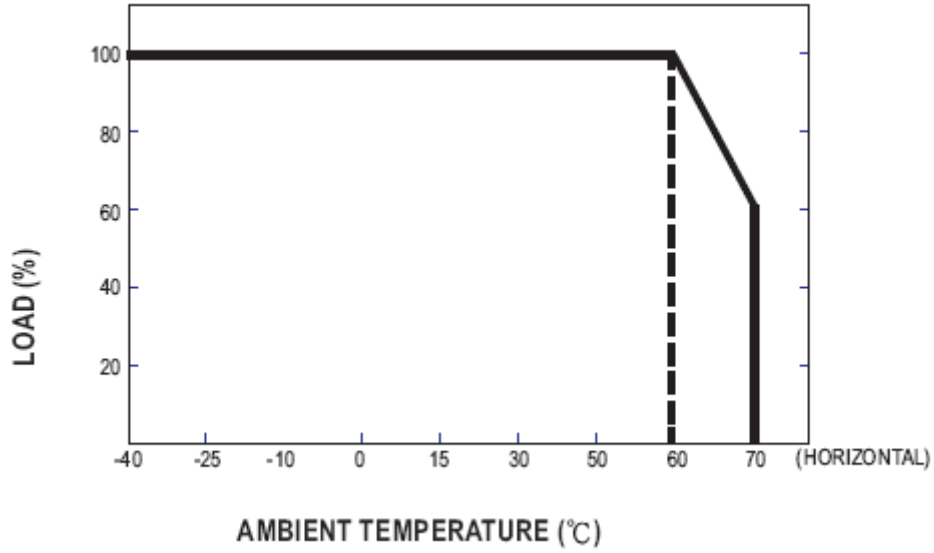
Mechanical Specification:



Block Diagram:



Derating Curve:



Static Characteristics:

