



Features :

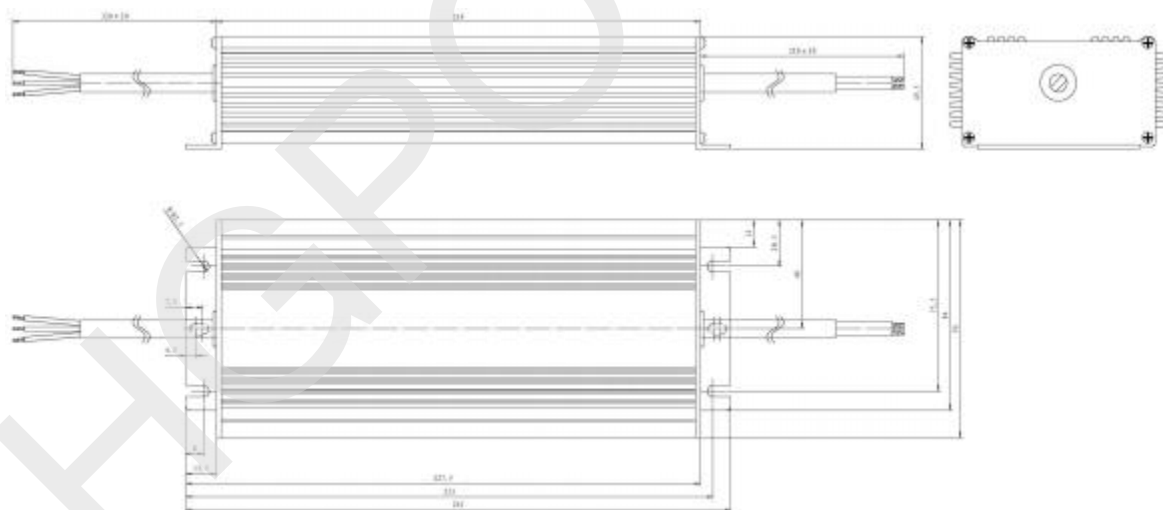
- Universal AC input/Full range
- Protections: Short circuit / Over Current / Over temperature
- Built-in active PFC function
- Fully encapsulated with IP67 level
- Class 2 power unit, pass LPS
- Cooling by free air convection
- 100% full load burn-in test
- High reliability
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lighting
- Damp / wet location outdoor application
- 3 years warranty

SPECIFICATION:

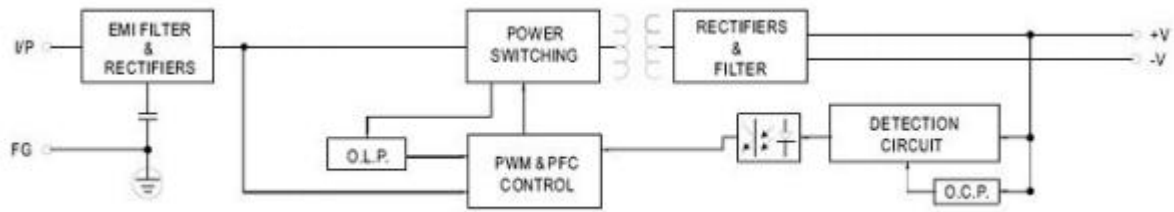
MODEL		LGA-200P -700mA	LGA-200P -1050mA	LGA-200P -1400mA	LGA-200P -2100mA	LGA-200P -3150mA	LGA-200P -4200mA
OUTPUT	DC VOLTAGE	285V	190V	142V	95V	63V	47V
	CONSTANT CURRENT REGION	171~285V	114~190V	85~142V	57~95V	38~63V	28~47V
	RATED CURRENT	700mA	1050mA	1400mA	2100mA	3150mA	4200mA
	RATED POWER	199.5W	199.5W	198.8W	199.5W	198.45W	197.4W
	RIPPLE & NOISE (max.)	850mVp-p	550mVp-p	450mVp-p	300mVp-p	300mVp-p	200mVp-p
	VOLTAGE TOLERANCE	±3.0%					
	LINE REGULATION	±1.0%					
	LOAD REGULATION	±2.0%					
	SETUP,RISE TIME	1000ms, 80ms / 230VAC 1000ms, 80ms / 115VAC at full load					
	HOLD UP TIME (Typ.)	60ms / 230VAC 30ms / 115VAC at full load					
INPUT	VOLTAGE RANGE	100 ~ 240VAC					
	FREQUENCY	47~63Hz					
	POWER FACTOR	PF>0.95/230VAC PF>0.98/115VAC at full load PF≥0.9 at 75 ~ 100% load, 115VAC / 230VAC					
	EFFICIENCY(Typ.)	90%	90%	90%	90%	90%	90%
	AC CURRENT(at full load)	2.2A / Measured at full load and 115 Vac input. 1.1A / Measured at full load and 230 Vac input.					
	INRUSH CURRENT (max.)	65A At 230Vac input 25°C Cold Start					
	LEAKAGE CURRENT	<1mA / 240VAC					
PROTECTION	OVER CURRENT	Above 105%-110% of rated current					
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed					

	OVER TEMPERATURE	Protection type : Shutdown o/p voltage, recovers automatically after temperature goes down
EENVIRONMENT	WORKING TEMP.	-20 ~ +50 @ full load ; +70 @ 50% load
	WORKING HUMIDITY	20~95% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40~80°C, 10~95% RH
	TEMP.COEFFICIENT	±0.03%/°C (0~50°C)
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes
SAFETY & EMC	SAFETY STANDARDS	Design refer to UL1310 Class 2,TUV EN61347-2-13, CAN/CSA C22.2 No. 223-M91, meet IP67
	WITHSTAND VOLTAGE	I/P-O/P:3.0KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25~70% RH
	EMI CONDUCTION & RADIATION	Compliance to EN55015:2013+A1: 2015
	HARMONIC CURRENT	Compliance to EN61000-3-2 Class C ; EN61000-3-3
DIMENSION		241*96*49.5mm (L*W*H)

Mechanical Specification:



Block Diagram:



Derating Curves

