



Features :

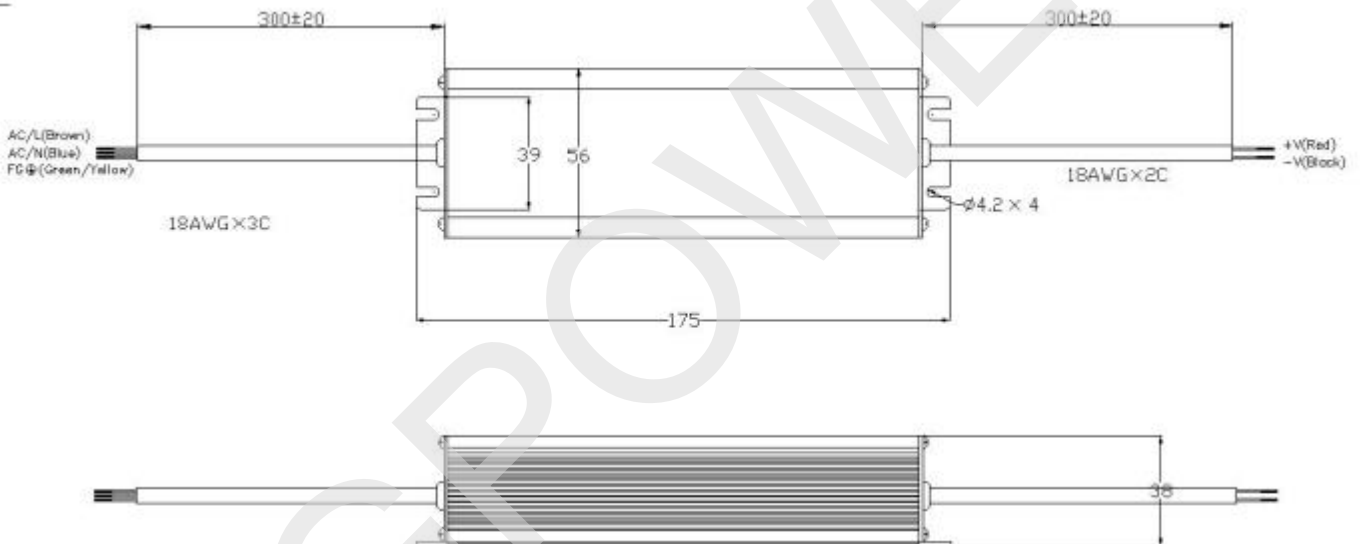
- Universal AC input/Full range
- Protections: Short circuit / Over voltage / Over temperature
- Built-in active PFC function
- Fully encapsulated with IP67 level
- Class 2 power unit, pass LPS
- Cooling by free air convection
- 100% full load burn-in test
- High reliability
- Suitable for LED lighting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

SPECIFICATION

		LGV60P-12	LGV60P-15	LGV60P-24	LGV60P-36	LGV60P-48
OUTPUT	DC VOLTAGE	12V	15V	24V	36V	48V
	RATED CURRENT	5	4A	2.5A	1.67A	1.25A
	RATED POWER	60W	60W	60W	60.12W	60W
	RIPPLE & NOISE (max.)	100mVp-p	100mVp-p	150mVp-p	200mVp-p	200mVp-p
	LINE REGULATION	±1.0%				
	LOAD REGULATION	±5.0%				
	SETUP,RISE TIME	1200ms, 80ms / 230VAC; 1200ms, 80ms / 115VAC (full load)				
	HOLD UP TIME (Typ.)	20ms 230VAC / 10ms 115VAC				
INPUT	VOLTAGE RANGE	100 ~ 240VAC				
	FREQUENCYRANGE	47 ~ 63Hz				
	POWER FACTOR	PF>0.98/115VAC , PF>0.9/230VAC (full load)				
	EFFICIENCY(Typ.)	80%	82%	85%	86%	86%
	ACCURRENT(atfull load)	1.2A / 115VAC 0.7A / 230VAC				
	INRUSH CURRENT(max.)	COLD START: 75A/230VAC				
	LEAKAGECURRENT	<1mA / 240VAC				
PROTECT ION	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed				
	OVER VOLTAGE	Above 13-18V	Above 16-22V	Above 28-34V	Above 45-50V	Above 58-70V
	OVER TEMPERATURE	Protection type : Shutdown o/p voltage, recovers automatically after temperature goes down				
ENVIRONMENT	WORKING TEMP.	-30 ~ +60°C (full load) ; +70°C (60% load)				
	WORKINGHUMIDITY	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 EN61347-1, EN61347-2-13, meet IP67		
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC	I/P-FG:1.5KVAC	O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25 / 70% RH		
	EMC	Compliance to EN55015:2013+A1: 2015		
	HARMONIC CURRENT	Compliance to EN61000-3-2 Class C ; EN61000-3-3		
DIMENSION		175*56*38mm (L*W*H)		

Mechanica Specification :



Block Diagram :

