

## Серия ARPV-LVP 60W

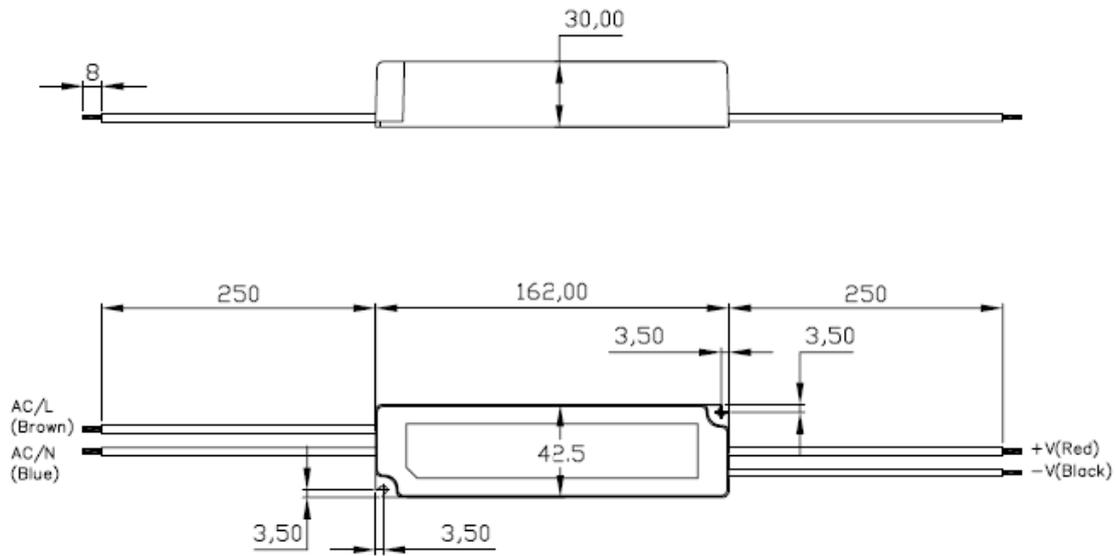
### Features

- Constant voltage mode power supply
- Universal AC input/Full range
- Fully encapsulated with IP67 level
- Protections: Short circuit/Over current/ Over Voltage
- Built-in active PFC function
- Small and compact size
- UL1310 Class 2 power unit
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

### Specification

Model		ARPV-LVP12060	ARPV-LVP24060
Output	DC Voltage	12V	24V
	Rated Current	5A	2.5A
	Current Range	0~5A	0~2.5A
	Rated Power	60W	60W
	Ripple & Noise(Max.)	5Vp-p	5Vp-p
	Voltage Tolerance	±3.0%	
	Line Regulation	±1.0%	
	Load Regulation	±2.0%	
	Setup, Rise Time	1500ms, 250ms/230VAC 3000ms, 250ms/115AC at fullload	
Input	Voltage Range	100-240VAC	
	Frequency Range	47~63Hz	
	Efficiency (Typ.)	82% fullload	84% fullload
	Power Factor	PF>0.9/230VAC PF>0.95/115VACat full load	
	AC Current	1.2A/100VAC 0.60A/240AC	
	Inrush Current (Max.)	COLD STAT70A/ 230VAC 35A/ 115VAC	
Leakage Current	0.5mA/240VAC		
Protection	Over Current/ Shortcircuit	Above 150%~200% rated outputpower or shortcircuit. Protection type: Hiccup mode, recovers automatically after fault condition is removed.	
	Over Voltage	Protection type: Hiccup mode, recovers automatically after fault condition is removed.	
	Over Temperature	Tj140°C typically(IC1) Detecton main controlIC Protection type: Hiccup mode, recovers automatically after temperature goes down	
Environment	Working temp.	-20~+50°C	
	Working Humidity	20~90% RH non-condensing	
	Storage temp., Humidity	-40~+80°C, 10~95% RH	
	Temp. coefficient	±0.03%/°C (0~50°C)	
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. eachalong X,Y, Zaxes	
Safety & EMC	Safety standards	Design refer to UL1310 Class 2, TUVEN60950-1, EN61347-2-13, CAN/CSAC22.2 No. 223-M91, meet IP67	
	Withstand Voltage	I/P-O/P: 3KVAC	
	Isolation Resistance	I/P-O/P: >100M Ohms / 500VDC / 25~70% RH	
	Emi Conduction & Radiation	Compliance to EN55022 (CISPR22) Class B	
	Harmonic Current	Compliance to EN61000-3-2,-3	
Ems Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level, criteria A		
Dimension	162*42.5*30mm (L*W*H)		

## Mechanical Specification



## Block Diagram

