

Серия ARPJ-LAY 12W



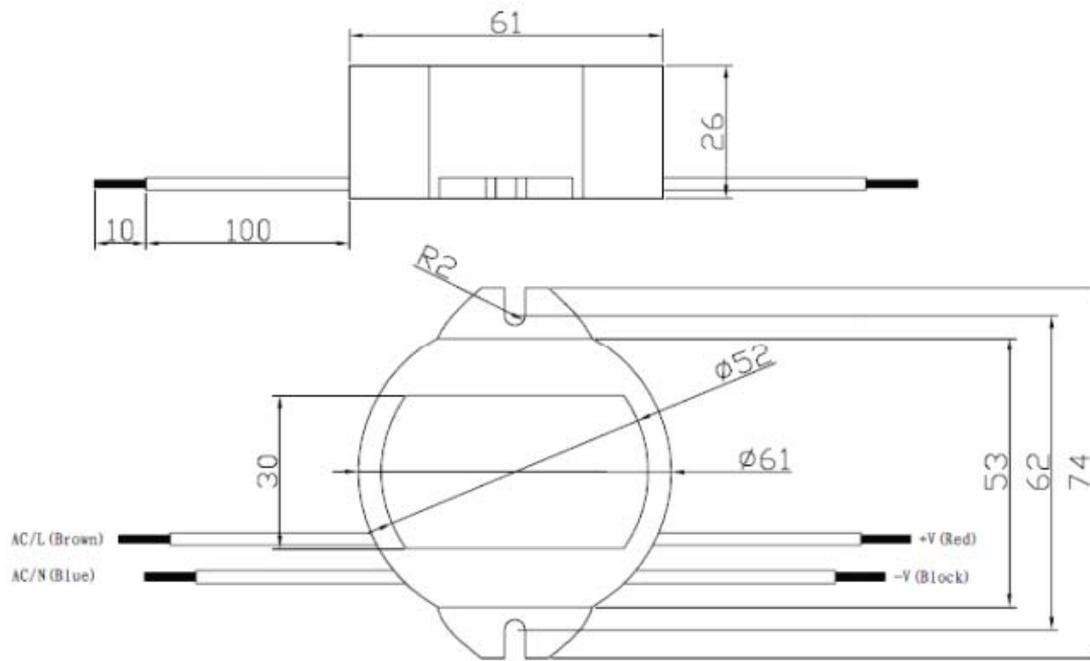
Features

- Constant current mode power supply
- 100-240VAC input only
- Fully encapsulated with IP67 level
- Protections: Short circuit/Over current
- Built-in active PFC function
- Small and compact size
- UL1310 Class 2 power unit, pass LPS
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

Specification

Model		ARPJ-LAY32350 (11W, 350mA)	ARPJ-LAY16700 (11W, 700mA)
Output	DC Voltage	32V	16V
	DC Voltage Range	3-32V	3-16V
	Current Range	350mA ±3%	700mA ±3%
	Rated Power	11.2W	11.2W
	Ripple & Noise(Max.)	200mVp-p	200mVp-p
	Voltage Tolerance	±3.0%	
	Line Regulation	±1.0%	
	Load Regulation	±2.0%	
Setup, Rise Time	500ms,250ms/230VAC500ms,250ms/115ac at fullload		
Input	Voltage Range	100-240VAC	
	Frequency Range	47~63Hz	
	Efficiency (Typ.)	80% fullload	80% fullload
	Power Factor	PF>0.85/230VAC atfull load	
	AC Current (At Full load)	0.3A/100VAC 0.15A/240VAC	
	Inrush Current (Max.)	COLD STAT70A/240VAC 35A/120VAC at fullload	
Leakage Current	0.25mA/240VAC		
Protection	Over Current	Above105% rated output power. Protection type: Hiccup mode, recovers automatically after fault condition is removed.	
	Over Temperature	Tj 140°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	10~500 Hz, 2G 10m in./1 cycle, perio d fo r 60m in. each alo ng X,Y, Z axes	
Safety & EMC	Safety standards	Design referto UL1310 Class 2,TUVEN60950-1, EN61347-2-13, CAN/CSAC22.2 No. 223-M91, meet IP67	
	Withstand Voltage	I/P-O/P:3K VAC	
	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	d 64*30mm (L*W*H)		

Mechanical Specification



Block Diagram

