

# ARPV-LP100-12 (12V, 8.3A, 100W) ARPV-LP100-24 (24V, 4.2A, 100W)



## ■ Features :

- Constant voltage design
- Universal AC input/Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short Circuit/Over current/Over voltage
- Cooling by free air convection
- Pass LPS
- Suitable for LED lighting and moving sign applications
- 100% full load burn-in test
- Low cost, high reliability

## SPECIFICATION

MODEL		LP100-W1V12	LP100-W1V24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	8.3A	4.2A
	CURRENT RANGE	0-8.3A	0-4.2A
	RATED POWER	100W	100W
	RIPPLE&NOISE(max.)	120mVp-p	150mVp-p
	VOLTAGE TOLERANCE	±5.0%	
	LINE REGULATION	±1.0%	
	LOAD REGULATION	±2.0%	
	SETUP,RISE TIME	2000ms,25ms/230VAC	
	HOLD UP TIME	50ms/230VAC	
INPUT	VOLTAGE RANGE	85-265VAC	
	FREQUENCY RANGE	47-63HZ	
	EFFICIENCY(Typ.)	85%	88%
	AC CURRENT(Typ.)	1.2A/230VAC	
	INRUSH CURRENT(max.)	COLD START: 75A/230VAC	
	LEAKAGE CURRENT	0.25MA/240VAC	
PROTECTION	OVERLOAD	110-150% rated output power	
		Protection type:Hiccup mode,recovers automatically after fault condition is removed	
	OVER VOLTAGE	13.8-16.2V	27.6-32.4V
Protection type:: Shut down o/p voltage,re-power on to recover			
ENVIRONMENT	WORKING TEMP.	-30~+70°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. each along X,Y,Z axes	
OTHERS	SIZE	192*52*37	192*52*37