



■ Features

1. Constant voltage mode power supply
2. Epoxy encapsulated with IP67 level, suitable for outdoor & indoor application
3. Automatic protection for over voltage, over current & high temperature.
4. Aluminum mental housing, easy for heat dissipation & ensure stability
5. Cooling by free air convection
- 6.100% full load burn-in test
7. Low cost, high reliability
8. Suitable for LED lighting and moving sign applications

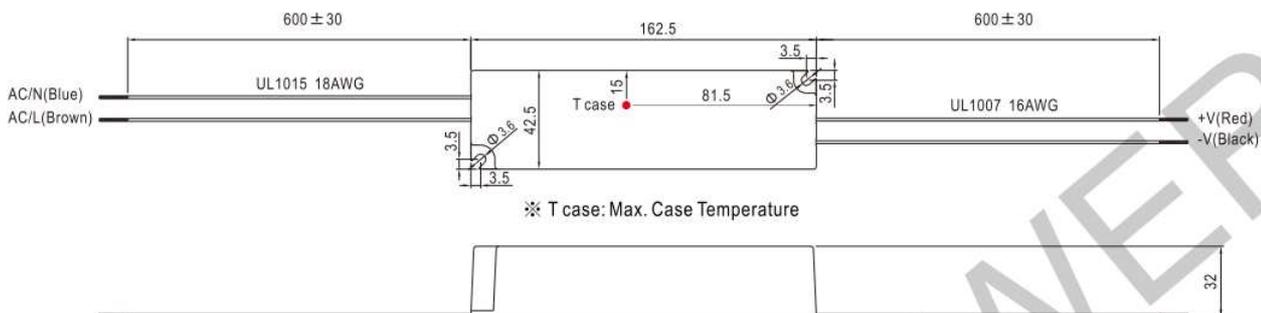
■ Specification

Model	LPV-100-5	LPV-100-12	LPV-100-15	LPV-100-24	
Output	DC voltage	5V	12V	15V	24V
	Rated current	12A	8.5A	6.7A	4.2A
	Current range	0~12A	0~8.5A	0~6.7A	0~4.2A
	Rated power	60W	102W	100.5W	100.8W
	Ripple&noise (max.)	80mVp-p	120mVp-p	120mVp-p	150MVp-p
	Voltage tolerance	±8.0%	±5.0%		
	Line regulation	±1.0%			
	Load regulation	±6.0%	±2.0%		
	Setup,rise time	500ms, 20ms / 230VAC 500ms, 20ms / 115VAC at full load			
	Hold up time	50ms/230VAC 16ms/115VAC at full load			
Input	Voltage range	90 ~ 264VAC 127 ~ 370VDC			
	Frequency range	47 ~ 63Hz			
	Efficiency	76%	83%	83%	86%
	AC current	2.2A/115VAC 1.2A/230VAC			
	Inrush current	COLD START 75A(twidth=525µs measured at 50% Ipeak) at 230VAC			
	Leakage current	0.25mA/240VAC			
Protection	Overload	110 ~ 150% rated output power Protection type:hiccup mode,auto-recovery after fault condition is removed			
	Over voltage	5.75~ 6.75V	13.8~ 16.2V	17.5~ 20.25V	27.6~32.4V
		Protection type : Shut off o/p voltage, clamping by zener diode			
Environment	WORKING TEMP.	-30 ~ +70 °C (Refer to "Derating Curve")			
	Working humidity	20%~90%RH non-condensing			
	Storage temp,humidity	-40 °C~+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			

Safety&EMC	Safety standard	UL879(except for LPV-60-5), UL1310(except for LPV-60-5), CSA C22.2 No. 207-M89(except for LPV-60-5, LPV-60-48),CAN/CSA C22.2 No. 223-M91(except for LPV-60-5,LPV-60-48), IP67 approved ; design refer to TUV EN60950-1
	Withstand voltage	I/P-O/P:3KVAC
	Isolation resistance	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH
	EMC emission	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2 Class A, EN61000-3-3
	EMC immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A
Others	MTBF	786.5Khrs min. MIL-HDBK-217F (25°C)
	Dimension	190*52*37mm (L*W*H)
	Packing	0.7Kg

■ Shape and installation dimension

Unit: mm



■ Notice

1. Be sure to confirm the signification of sign above the pole before connection.

L: LINE (AC input) **N:** Neutral (AC input) **⏚(FG):** Protective Ground

2. LED Driver can be used 110V and 220V AC power for input, The AC Input Voltage is showing on sticker. Before plug in please check the voltage position is correct or not otherwise may take a permanent damage in this power supply.
3. Be sure to keep the ground wire connection, avoid electric shock and common mode interference or differential mode interference.(above 50W Power have 3 pcs input wire)

Mulview Technology Limited

<http://www.mtlcctv.com>

TEL: 0086-755-88849659 FAX: 0086-755-83722362 E-mail: sales@mtlcctv.com