



FEATURES

- Available in 12V and 24V
- Output constant voltage
- Universal AC input: 100-130VAC/170-265VAC
- Power Factor > 0.77
- High efficiency > 85%
- Protection: short circuit/over loading/Over heat
- Full protection plastic housing
- Easy installation
- IP67 design for indoor or outdoor installations
- Cooling by free air convection
- Work with leading edge and trailing edge TRIAC dimmers available
- Strong compatibility, flicker-free dimming
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lightings.

TECHNICAL SPECIFICATIONS

Model		LCPSL CODIM-12V-300W	LCPSL CODIM-24V-300W
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated current	25A	12.5A
	Rated power	300W	
Input	Voltage Range	100-277 VAC	
	Frequency Range	47 ~ 63HZ	
	Power Factor (Typ.)	0.98@120VAC 0.97@277VAC	0.98@120VAC 0.97@277VAC
	Efficiency (Typ.)	>87%	
	AC Current (Typ.)	3.4A@110VAC	
	Leakage current	<0.50mA/110VAC	
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Current	≤1.4*I out	
	Over Loading	≤120% Hiccup mode,recovers automatically after fault condition is removed	
	Over temperature	100°C±10°C (The output voltage will turn off when the temperature is higher than 100°C±10°C, after the temperature drop off ,it will recovery)	
Environment	Working TEMP.	-40 ~ +60°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./1 cycle,period for 60min. each along X,Y,Z axes	
Safety& EMC	Safety standards	UL8750	
	Withstand voltage	I/P-O/P:1.88KVac	
	Isolation resistance	I/P-O/P : 100MΩ/500VDC/25°C/70%RH	
	EMC Emission	FCC Part 15 B	
Others	Net. Weight	2.0Kg	
	Size	276*78*47mm (L*W*H)	