



■Features

- Output constant voltage
- UL, cUL listed, Class P, Type HL
- Universal AC input: 100-277VAC
- Power Factor: up to 0.99
- High efficiency : up to 83%
- Dimming range: 0-100%
- Load: 10-100%
- Protection:short circuit/over loading/ Over temperature
- PWM output, does not change the color index
- Full protection aluminum housing, for dry, damp, wet location (IP67)
- Flicker-free
- Compatible with Forward phase, Reverse phase, Triac, MLV, ELV Dimmers
- Cooling by free air convection
- Suitable for LED lighting and moving sign applications



Class 2 Class P

■Specification

Model		HLG-24100-DTWRV
Certificates		FCC UL cUL
Output	DC Voltage	24V
	Rated Current	4.16A
	Rated Power	100W
	Voltage Tolerance	±0.5V
	Voltage Regulation	±0.5%
	Load Regulation	±1%
Input	Voltage Range	100-277VAC
	Frequency Range	47-63Hz
	Power Factor (Typ.) @ full load	0.98@120VAC 0.96@277VAC
	THD (Typ.) @ full load	<20%
	Efficiency (Typ.) @ full load	83%
	AC Current (Max.)	1.5A@100VAC
	Inrush Current (Typ.)	20A, 50%, 1.6ms
	Leakage current	<0.50mA
Protection	Short Circuit	shut down o/p voltage, re-power on to recover after fault condition is removed
	Over Loading	≤120% constant current limiting, auto-recovery
	Over temperature	100°C±10°C shut down o/p voltage, automatically recover after cooling.
Environment	Working TEMP.	-40~+60°C (see below derating curve)
	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, 5G 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	1.05Kg
	Size	230*70*43mm (L*W*H)
	packing	10PCS/CTN

■ Connecting Diagram

