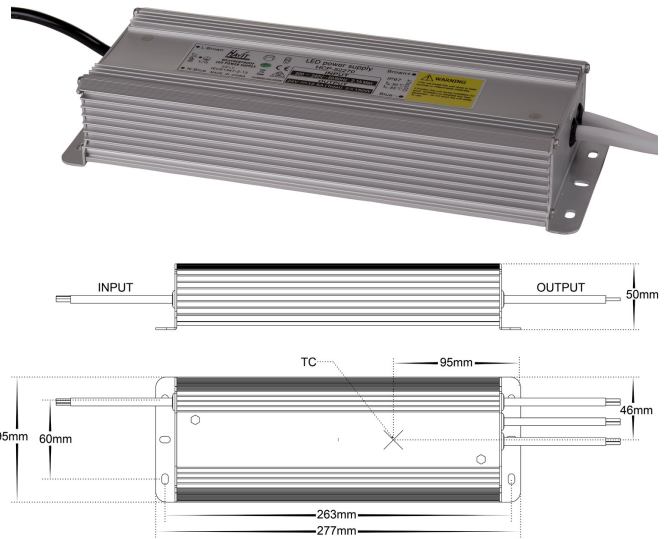


300w 24v DC Weatherproof LED Driver



PRODUCT SPECIFICATIONS

MATERIAL	Aluminium
COLOUR/FINISH	Silver
WORKING TEMPERATURE	-25°C to +50°C
OVERLOAD PROTECTION	Yes
SHORT CIRCUIT PROTECTION	Yes
OVER VOLTAGE PROTECTION	Yes
DIMMING	No
INPUT VOLTAGE	240v AC (Supplied with flex & plug)
OUTPUT VOLTAGE	24v DC Constant Voltage
RECOMMENDED MAX. LOAD	240w
IP RATING	IP66
WARRANTY	5 Years Replacement



TECHNICAL SPECIFICATIONS

Part Number:		HCP-52270		
Output	DC Voltage	24V		
	Output range of constant current	/		
	Rated current	12.5A		
	Range of the current	0-12.5A		
	Rated power	300W (Recommended Maximum Load = 240W)		
	Ripples and Noise(max.)	240mVp-p		
	Voltage tolerance	±2%		
	Line regulation	±0.5%		
	Load regulation	±2%		
	The group of output	2		
Set up and rise time	2000ms, 50ms (When fully loaded) 230Vac			
Holding time (Typ.)	15ms (When fully loaded) 230Vac			
Input	Range of Voltage	170-264Vac or 240-374Vdc		
	Range of frequency	47-63Hz		
	Power factor	PF ≥ 0.95/170Vac (When fully loaded) PF ≥ 0.90/230Vac (When fully loaded)		
	Efficiency (Typ.)	91.5%		
	AC current	2.15A/170Vac, 1.67A/230Vac		
	Inrush current (Typ.)	Cold start:65A/230Vac		
	Leakage current	<0.75mA/240Vac		
THD	/			
Protection	Overloading	110% to 135% of the rated output power Protection mode: constant current limiting, recovers automatically after the load reduced.		
	Short circuit	Protection type: Hiccup mode, recovers automatically after fault conditions removed.		
	Overvoltage	13-18V	24.5-35V	
		Protection type: Hiccup mode, recovers automatically after fault conditions removed.		
Over temperature	Ta:55°C-65°C Protection mode:Power off the output voltage, after temperature goes down			
Environment	Working temperature	-25°C-+50°C		
	Working humidity	10%-90%RH, No Condensation		
	Storage temperature and humidity	-25°C-+75°C, 5%-95%RH		
	Temperature coefficient	±0.05%/°C (0-50°C)		
Vibration-proof	10-300Hz, 1G 10minutes/cycle, X, Y, Z axis each 60minutes			
Safety and regulatory and EMC	Safety and regulatory	Conform EN61347-1, EN61347-2-13, accord with Ip66 rating.		
	HI-POT	I/P-O/P:3.75KVAC I/P-FG:1.875KVAC O/P-FG:0.5KVAC		
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C/70%RH		
	EMI	Compliance to EN55015, (CISPR22), EN61000-3-2, EN61000-3-3		
	Harmonic current	/		
EMS	Compliance to EN61547, EN61000-4-2,3,4,5,6,8,11			
Others	MTBF	≥200Khrs, ML-HDBK-217F (25°C)		
	Dimension	275X95X50mm(L*W*H)		
	Package	2.4Kg/PCS: 10PCS/24Kg/box: (380X337X292mm)		
	Wire	Input: VDE H03VV-F 3C*1.5mm ² black, length250mm, Out put: VDE H03VV-F 2C*1.5mm ² white, length 250mm		