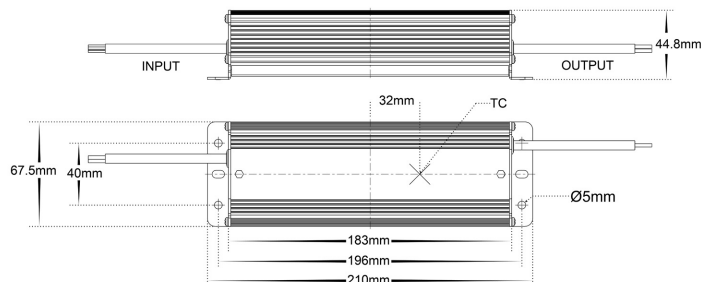


100w 24v DC Weatherproof LED Driver



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	80w
IP RATING	IP66
WARRANTY	5 Years Replacement



TECHNICAL SPECIFICATIONS

Part Number:		HCP-52240
Output	DC Voltage	24V
	Rated current	4.17A
	Current range	0-4.17A
	Rated power	100W (Recommended Maximum Load = 80W)
	Ripple and Noise(max.) Note4	240mVp-p
	Voltage tolerance Note3	±2%
	Line regulation	±0.5%
	Load regulation	±1%
	Output groups	1
Input	Set up time Note6	2000ms, 50ms(at full load) 230Vac
	Holding time(Typ.)	15ms(at full load) 230Vac
	Voltage range Note 2	170-264Vac or 240-374Vdc
	Frequency range	47-63Hz
	Power factor(Typ.)	PF≥0.95/170V(at full load) PF≥0.90/230V(at full load)
	Efficiency(Typ.)	89%
	AC current	0.78A/170Vac 0.60A/230Vac
Protection	Inrush current(Typ.)	Cold start: 60A/230Vac
	Leakage current	<0.75mA/240Vac
	Over load	110%-130% 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
Environment	Over voltage	24.5-35V Protection type: Hiccup mode, recovers automatically after fault conditions removed
	Over temperature	55°C-65°C Protection type: Shut down O/P voltage, recovers automatically after temperature goes down.
	Working temperature	-25°C-+50°C
	Case temperature	\
	Working humidity	10%-90%RH, non-condensing
	Storage temp. and humidity	-25°C-+75°C, 5%-95%RH
Safe and EMC	Temp. coefficient	±0.05%/°C (0-40°C)
	Vibration	10-300Hz, 1G 10min./cycle, period for 60min. each along X, Y, Z axes
	Safety standards	Compliance to EN61347-1, EN61347-2-13, Ip66 waterproof rating.
	Withstand voltage	I/P-O/P: 3.75KVAC I/P-FG: 1.875KVAC O/P-FG: 0.5KVAC
Others	Insolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C/70%RH
	EMC Emission	Compliance to EN55015, EN61000-3-2, EN61000-3-3
	EMC Immunity	Compliance to EN61547, EN61000-4-2,3,4,5,6,8,11
Others	MTBF	≥200Khrs, MIL-HDBK-217F(25°C)
	Dimension	215X67.5X45mm(L*W*H)
	Packing	1.0Kg/PCS, 10PCS/10Kg/box, (320X245X200mm)