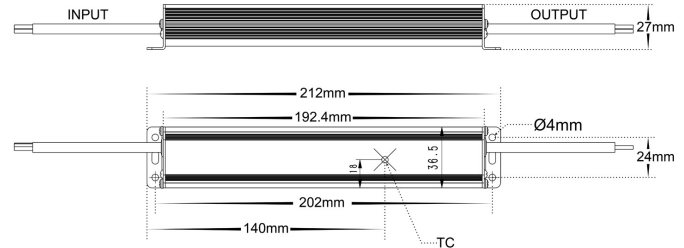
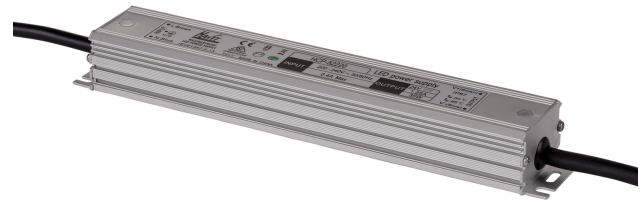


# 30w 24v DC Weatherproof LED Driver



## 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	24w
IP RATING	IP66
WARRANTY	5 Years Replacement



## TECHNICAL SPECIFICATIONS

Part Number:		HCP-52220
Output	DC Voltage	24V
	Rated current	1.25A
	Current range	0-1.25A
	Rated power	30W (Recommended Maximum Load = 24W)
	Ripple and Noise(max.) Note4	240mVp-p
	Voltage tolerance Note3	±2%
	Line regulation	±0.5%
	Load regulation	±1%
	Output groups	1
	Set up time Note6	2000ms, 50ms(at full load) 110Vac/230Vac
Holding time(Typ.)	15ms(at full load) 110Vac/230Vac	
Input	Voltage range Note 2	90-264Vac or 127-374Vdc
	Frequency range	47-63Hz
	Power factor(Typ.)	PF≥0.9/230V(at full load)
	Efficiency(Typ.)	85%
	AC current	0.20A/230Vac
	Inrush current(Typ.)	Cold start:50A/230Vac
	Leakage current	<0.75mA/240Vac
Protection	Over load	104%-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
	Over voltage	24.5-35V Protection type: Hiccup mode, recovers automatically after fault conditions removed
	Over temperature	100C±10C(RTH2) Protection type: Shut down O/P voltage, recovers automatically after temperature goes down.
Environment	Working temperature	-25°C- +50°C
	Working humidity	10%-90%RH, non-condensing
	Storage temp. and humidity	-25°C- +75°C , 5%-95%RH
	Temp. coefficient	±0.05%/°C (0-40°C)
	Vibration	10-300Hz, 1G 10min./cycle, period for 60min. each along X, Y, Z axes
Safe and EMC	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
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C/70%RH
	EMC Emission	Compliance to EN55015, (CISPR22) , EN61000-3-2, EN61000-3-3
Others	EMC Immunity	Compliance to EN61547, EN61000-4-2,3,4,5,6,8,11
	MTBF	≥200Khrs, MIL-HDBK-217F(25°C)
	Dimension	212X36.5X27mm(L*W*H)
Packing	0.35Kg/PCS, 50PCS/17.5Kg/box, (325X260X270mm)	