

Product Datasheet



100W Series

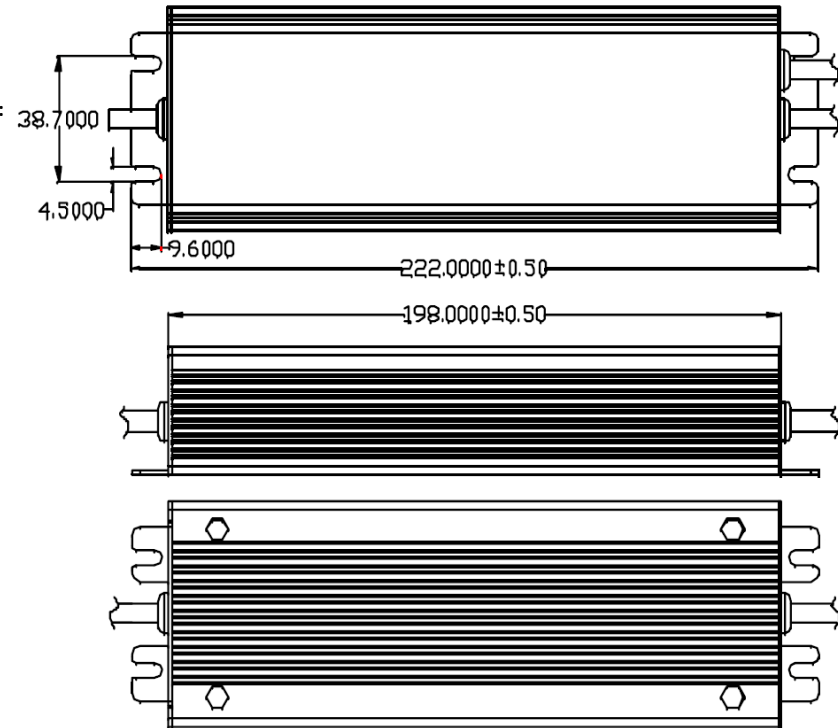
24V to 271V
2,1A to 350mA

LED Driver

INPUT	VOLTAGE / FREQ.	100~277Vac/50/60Hz ±3Hz
	RATED INPUT CURRENT	1.5A max.
	INPUT POWER	115W max
	INRUSH CURRENT PEAK	75A max.
OUTPUT	DC VOLTAGE	36V - 428V
	RATED CURRENT (max OUTPUT)	2.1A - 350mA
	OUTPUT POWER RANGE	50-100W
	CONSTANT CURRENT	Yes
	LEAKAGE CURRENT	0,75mA max.
	LINE REGULATION (in % of I_{in})	±5% of rated output current
	RIPPLE CURRENT	25%
	POWER FACTOR 100% / 60% LOAD (Dimmed)	0.98 / 0.90 min
	TOTAL HARMONIC DISTORTION	20% max.
	TYPE OF DIMMING	1-10Vdc or Resistance
PROTECTION	OVER TEMPERATURE PROTECTION	100°C ±10°C (RTH2)
	SURGE PROTECTION	4.4KV
	HI-POT WITHSTAND VOLTAGE	I/P-O/P 3.75KVAC
		O/P-F/G 0.5KVAC
ENVIRONMENT	TEMPERATURE (working)	-40°C ~ +55°C
	IP CLASSIFICATION	IP67
SAFETY &	UL8750, EN61347-1, EN61347-2-13	
EMC	EN55015, EN55022,61000-3-2/3 Class C (>75% Load)	
MTBF	100000Hr 100% Load 25°C	
OTHERS	COLOUR	Silver
	DIMENSION (without mounting brackets)	198mm*68.3*38.8mm (L*W*H)
	WEIGHT PLASTIC	1.08 Kg
	PACKING	TBD x units per carton
	DIMENSIONS	TBD

TYPICAL APPLICATIONS:

- LED lighting
- LED Display
- Street Lighting



Model dependant differences

	350mA	700mA	1050mA	2100mA
Efficiency Range (max.)	92%	91%	91%	90%
Output Voltage range	143-271V	71.5-143V	47.5-95V	24-47.5V
Output Current Range	350mA	700mA	1050mA	2100mA

Dimension are advisory only. Appearance may vary. This datasheet is covering a complete product family. Ratings shown are reflecting smallest and largest values only.

Alteration reserved without prior notice.