



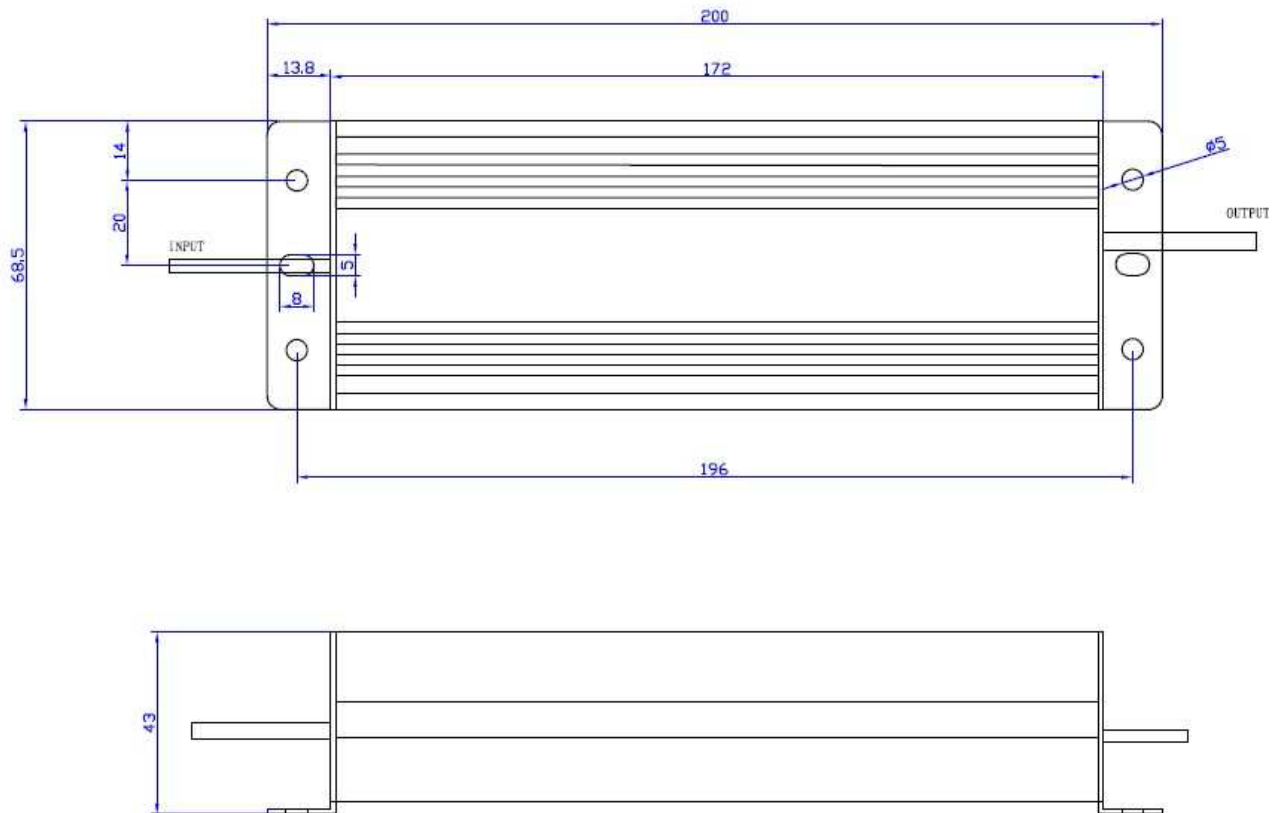
Features:

- Triac dimmable
- Suitable for leading/ trailing edge dimming
- Constant Voltage Design
- Protections: Short circuit/ Over voltage
- Built-in PFC function (PFC>0.95)
- Cooling by free air convection
- IP66 design
- Fully isolated, delivering up to 80W of power
- Suitable for LED lighting and moving sign applications

CE IP66 SELV

Model No.		ELED-80-12T	ELED-80-24T
Output	DC Voltage	12V	24V
	Rated current	6.66A	3.33A
	Voltage accuracy	±0.5V	±0.5V
	Rated Power	79.92W	79.92W
Input	Voltage range	180-264VAC	
	Frequency range	47-63Hz	
	Power factor	≥0.95	
	Efficiency (typ.)	80%	83%
	AC current (typ.)	0.478A	0.461A
	Leakage current	<0.25mA	
Protections	Short circuit	Hiccup mode, recovers automatically after fault condition is removed	
	Over voltage	≥270VAC	
Environment	Working temp.	-40°C - +60°C	
	Working humidity	20-90% RH non-condensing	
	Storage temp. Humidity	-40°C - +80°C, 10-95% RH	
	Temp. Coefficient	± 0.03%/°C (0-50°C)	
	Vibration	10-500Hz, 2G 10min./1 cycle, period for 60min. Each along x, y, z axes	
Safety & EMC	Safety standards	EN-60950-1	
	Withstand voltage	I/P-O/P:3.75KVAC	
	Isolation resistance	I/P-O/P: 100MΩ/ 500VDC/ 25°C/ 70% RH	
	EMC Emission	Compliance to EN55015, EN61000-3-2 (≥50% load)	
	EMC Immunity	EN55015, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547, light industry level	
Others	Dimensions	200x 68.5x 43	
	Packing	1.1kg; 10pcs/ 12.8Kg	

Mechanical Specification



Derating Curve

