

ELED-200P-T Series

200 Watt Premium Triac Dimmable Driver



PREMIUM RANGE

CE F SELV IP66 SELV

Features:

- Works with leading edge and trailing edge TRIAC dimmers
- PWM Output
- Output constant voltage
- AC input 200 – 240VAC
- High efficiency up to 87%
- Protections: Short circuit/over loading/over temperature
- Cooling by free air convection
- IP66 design for outdoor installation

Model		ELED-200P-12T	ELED-200P-24T
Output	DC Voltage	12V	24V
	Rated current	16.6A	8.3A
	Voltage Accuracy	±0.5V	
	Rated power	200W	
Input	Voltage Range	200-240VAC	
	Frequency Range	47-63HZ	
	Inrush Current	55A (Twidth=220µs 230VAC)	
	Power Factor (Typ.)	PF>0.97/200VAC PF>0.97/230VAC PF>0.97/240VAC (Full loading)	
	Full Load Efficiency(Typ.)	86%	87%
	AC Current(Typ.)	1.4A	1.4A
	Leakage current	<0.5mA	
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over load	<120% constant current limiting, auto-recovery	
	Over temperature	100°C±10°C shut down o/p voltage, re-power on to recover	
Environment	Working TEMP.	-40~+60°C	
	Working Humidity	20~95%RH, non-condensing	
	Storage TEMP., Humidity	-40~+80°C, 10~95%RH	
	TEMP. coefficient	±0.03%/°C(0~40°C)	
	Vibration	10~500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axes.	
Safety&EMC	Safety standards	EN61347-1 EN61347-2-13	
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC	
	Isolation resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70%RH	
	EMC EMISSION	Compliance to EN55015, EN61000-3-2,3 (≥ 60%load)	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6, 11, EN61547	
Others	Dimesnions	265*78*47mm(L*W*H)	
	Packing	340*280*185mm	

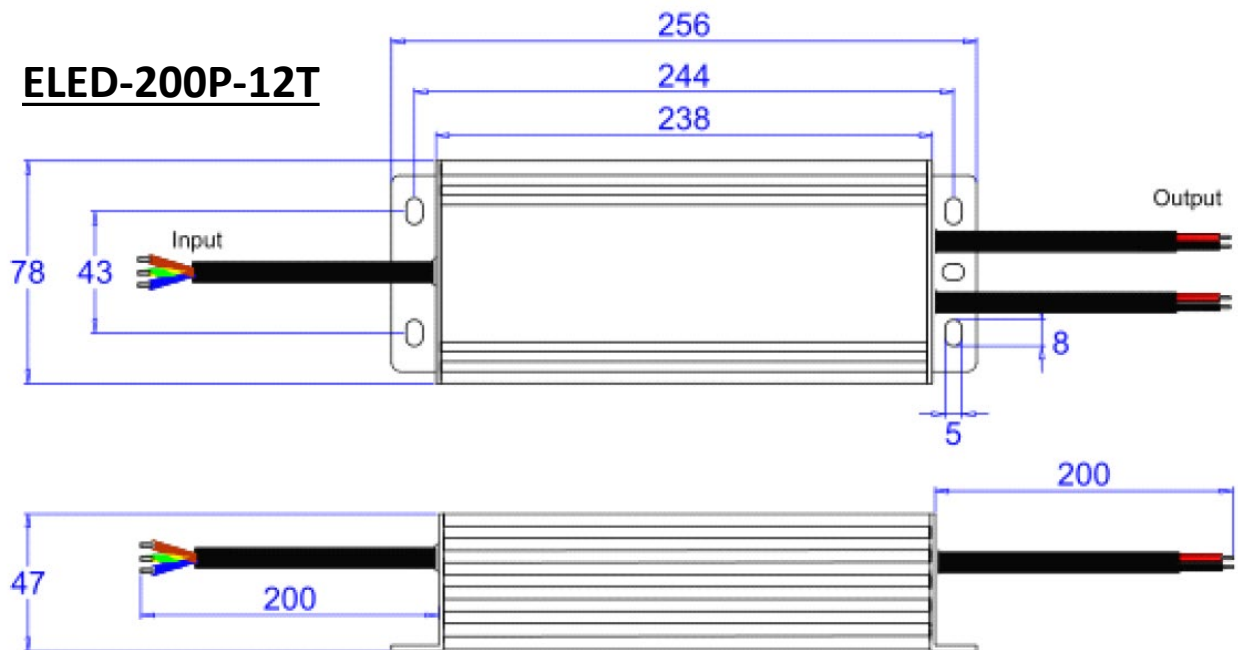
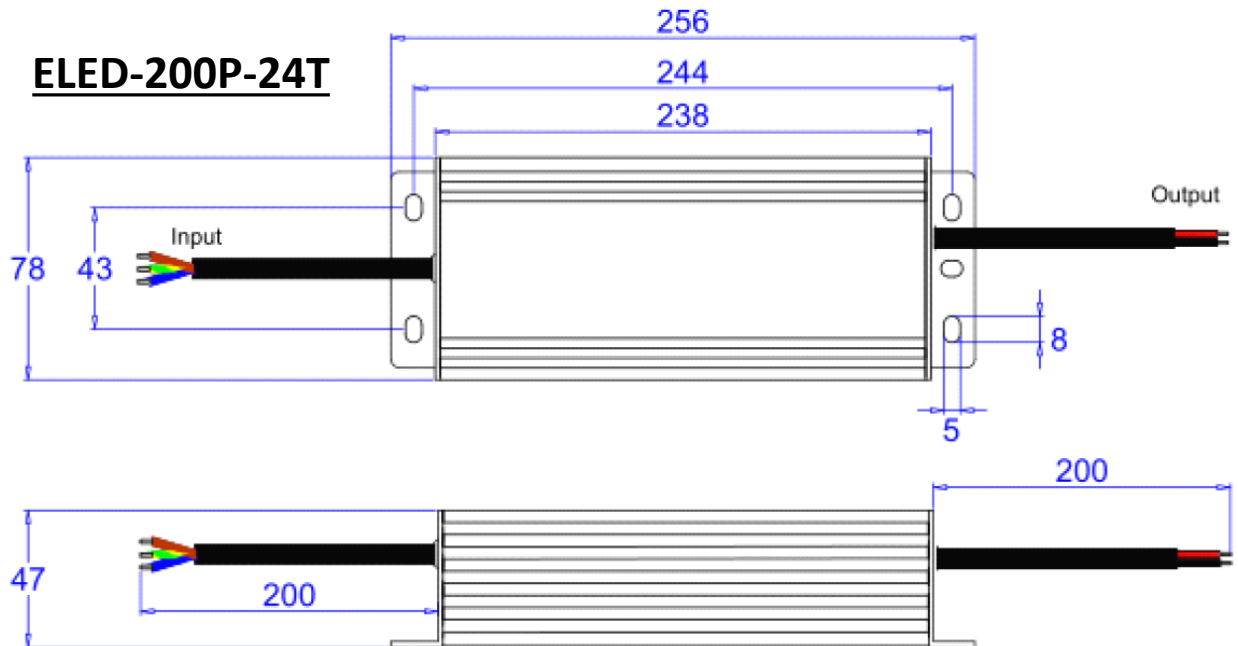
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Mechanical Specification



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Derating curve

