

## Constant Voltage Dimmable LED Driver



### Features:

- Output constant voltage
- AC input 180 – 250VAC
- High efficiency up to 87%
- Protections: Short circuit/over loading/over current
- Cooling by free air convection
- Triac (mains) dimming using leading edge dimmer
- Full dimming range from 5-100% load

CE   IP66 SELV

Model		8743862	8743865		
Output	DC Voltage	12V	24V	36V	48V
	Voltage Tolerance	±0.5V			
	Rated current	8.3A	4.16A	2.77A	2.08A
	Rated power	100W			
Input	Voltage Range	180~250V AC (90-130V DC )			
	Frequency Range	47~63HZ			
	Power Factor ( Typ.)	PF≥0.6/220V			
	Full Load Efficiency (Typ.)	83%	85%	86%	87%
	AC Current (Typ.)	0.91A	0.89A	0.88A	0.87A
	Leakage current	< 0.70mA/220VAC			
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.			
	Over load	≤120%			
	Over Current	≤1.4*I out			
Environment	Working TEMP.	-40~+60°C			
	Working Humidity	20~90%RH,non-condensing			
	Storage TEM.,Humidity	-40~+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	EN61347-1 EN61347-2-13			
	Withstand voltage	I/P-O/P:3.75KVAC			
	Isolation resistance	I/P-O/P: 100MG/500VDC/25°C/70%RH			
	EMC EMISSION	Compliance toEN55015,EN61000-3-2 (≥50%load)			
	EMC IMMUNITY	EN61000-4-2,3,4,5,6,11 ( Surge 4KV)			
Others	Weight	1.3Kg			
	Size	230*70*46mm (L*W*H)			
	packing	324*298*176mm			