

Ultra-Thin LED Driver

Type C Ultra Thin Constant Voltage LED Driver PF>0.6

Features :

- Input Voltage: 100-240V
- Power Range: 6-60W
- High Efficiency: up to 86% ; PF>0.6
- IP20 Design; Flicker-free
- Cooling by free air convection
- Suitable for dry or damp location use
- Protection: Short Circuit/Over Loading /Over Current/ Over Temperature
- 3 years warranty



Model No.	Power	Output Voltage	Output Current	Weight	Size(L*W*Hmm)	Packing
OTM-SS6	6W	12V 24V	0.5A 0.25A	37.8g	75*40*14	40*30*20CM
OTM-SS12	12W	12V 24V	1A 0.5A	68.3g	114.5*45*14	40*30*20CM
OTM-SS20	20-24W	12V 24V	2A 1A	68.3g	114.5*45*14	40*30*20CM
OTM-SS30	30W	12V 24V	2.5A 1.25A	83.3g	140*50*17	40*30*20CM
OTM-SS40	40W	12V 24V	3.33A 1.67A	165g	198*58*17	40*30*20CM
OTM-SS50	50W	12V 24V	4.17A 2.08A	165g	198*58*17	40*30*20CM
OTM-SS60	60W	12V 24V	5A 2.5A	165g	198*58*17	40*30*20CM

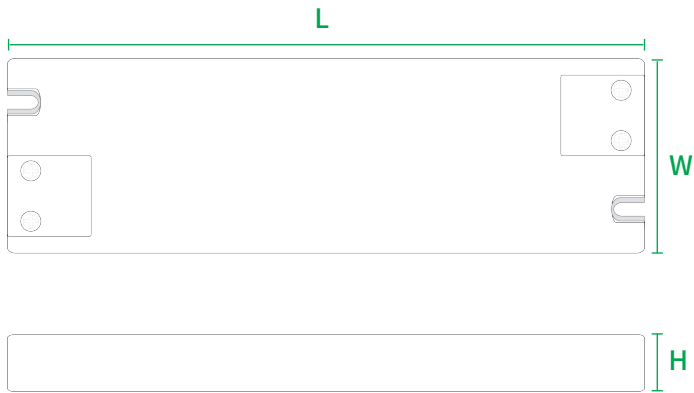
■ Specifications

Protection	Short Circuit	Hiccup mode, recover automatically after fault condition is removed
	Over Current	$\leq 1.2 \cdot I_{out}$
	Over Loading	$\leq 120\%$
	Over temperature	$100^{\circ}\text{C} \pm 10^{\circ}\text{C}$, Shut down o/p voltage, recover automatically after temperature goes down.
Environment	Working TEMP.	$-40 \sim +60^{\circ}\text{C}$
	Working Humidity	20~90%RH, non-condensing
	Storage TEMP. Humidity	$-40 \sim +80^{\circ}\text{C}$, 10~95%RH
	TEMP .coefficient	$\pm 0.03\%/^{\circ}\text{C}$ (0~50°C)
	Vibration	10~500Hz, 2G 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:3KVAC IP-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	EN55022, EN55015 Class B
Notes	<p>1. All parameters if NOT specially mentioned are measured at 120VAC input , rated load and 25°C of ambient temperature.</p> <p>2. To extend the driver's using life ,please reduce the loading at lower input voltage.</p>	

■ Package



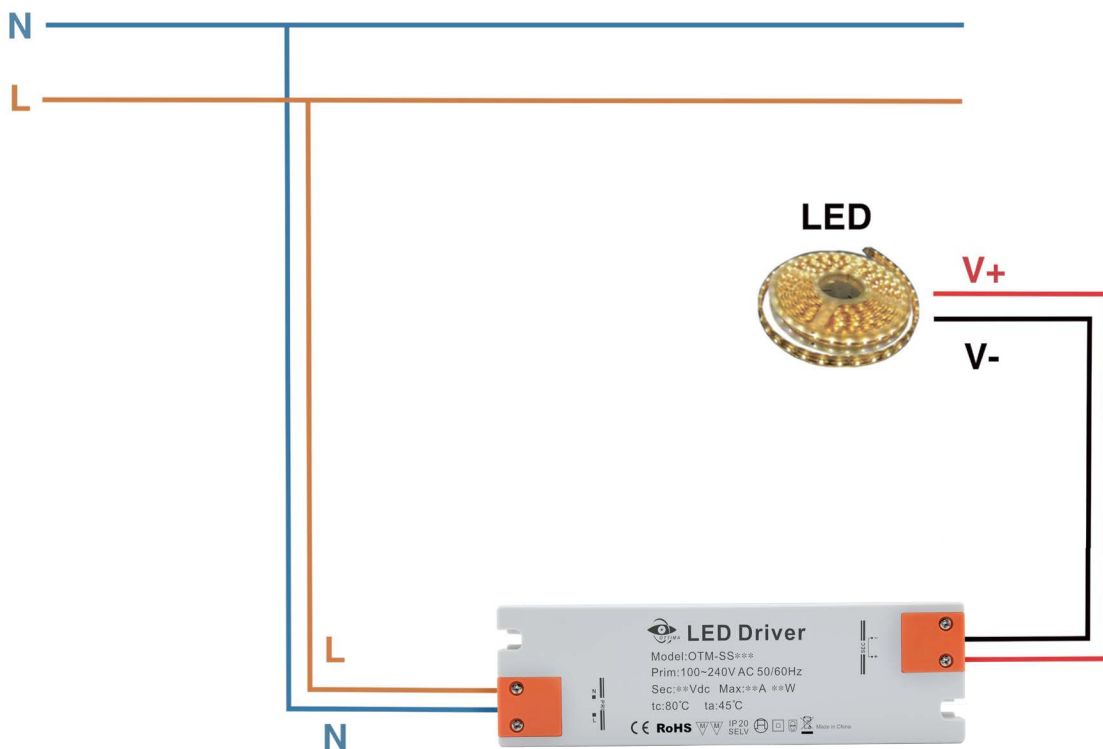
■ Dimensions



(unit:mm)

Model No.	Power	Size(L*W*H)
OTM-SS6	6W	75*40*14
OTM-SS12	12W	114.5*45*14
OTM-SS20	20W	114.5*45*14
OTM-SS30	30W	140*50*17
OTM-SS40	40W	198*58*17
OTM-SS50	50W	198*58*17
OTM-SS60	60W	198*58*17

■ Driver Connecting Diagram



Warning

- ※ This driver should be installed by qualified and professional person;
- ※ Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation.
- ※ Ensure that wiring is correct before test in order to avoid light and power supply damage;
- ※ If driver Cannot work normally, don't maintain privately; Have any question, please contact us.