

## CH100/150/200 IP67 Series

### 100W/150w/200W Waterproof Ultra-Thin LED Driver



#### Features:

- Input Voltage: 100-240V
- High Efficiency: up to 92% ; PF>0.6
- IP67 Design, Flicker-free
- Protection: Short Circuit/Over Loading/Over Current/Over Temperature
- Cooling by free air convection
- 3 years warranty

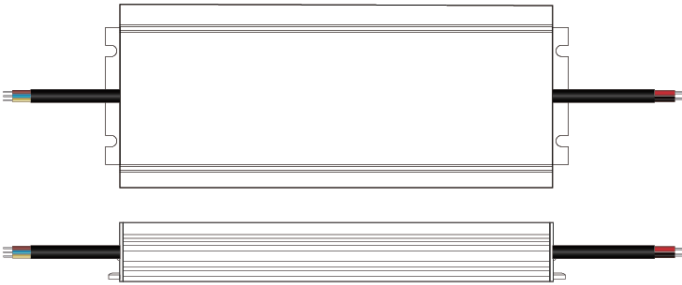


Model No	Power	Output Voltage	Output Current	Weight	Size (L*W*H)
CH100-24-67	100W	24V	4.16A	450g	183*63*20mm
CH150-24-67	150W	24V	6.25A	520g	203*68*20mm
CH200-24-67	200W	24V	8.33A	760g	236*65*28mm

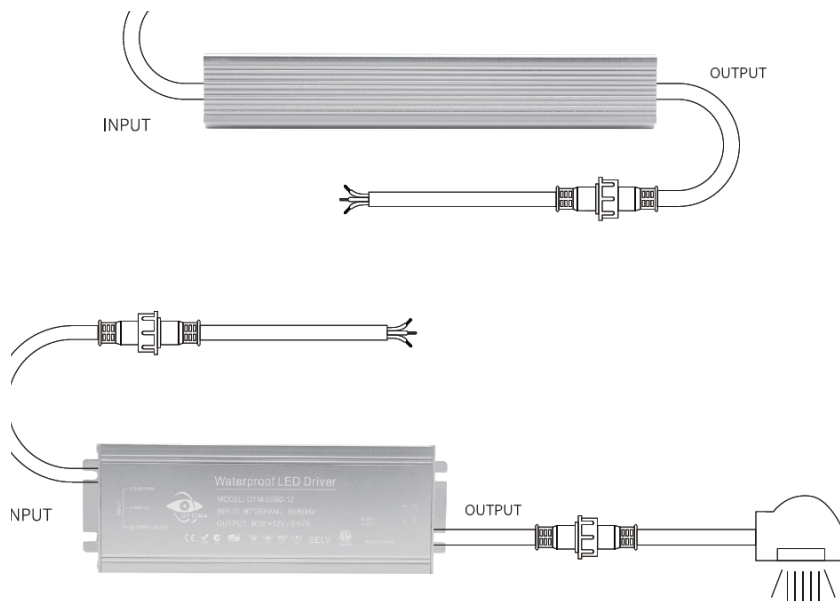
<b>Input</b>	Input Voltage:	220-240VAC
	Input Frequency:	50/60Hz
<b>Protection</b>	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Current	$\leq 1.2 \cdot I_{out}$
	Over Loading	$\leq 120\%$
	Over temperature	100°C±10°C, Shut down o/p voltage, recover automatically after temperature goes down.
<b>Environment</b>	Working TEMP.	-40~+60°C
	Working Humidity	20~90%RH, non-condensing
	Storage TEMP. Humidity	-40~+80°C, 10~95%RH
	TEMP .co efficient	$\pm 0.03\%/^{\circ}\text{C}$ (0~50°C)
	Vibration	10~500Hz, 5G 10min./1 cycle, period for 60min. each along X,Y,Z axes
<b>Safety &amp; EMC</b>	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°/70%RH
	EMC EMISSION	EN55022, EN55015 Class B
<b>Notes</b>	1. All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 25° of ambient temperature. 2. To extend the drivers life ,please reduce the loading at lower input voltage.	

## ■ Dimensions

Model No.	Power	Size(L*W*H)
CH100-24-67	100W	182*60*19mm
CH150-24-67	150W	180*62*31mm
CH200-24-67	200W	180*62*31mm



## ■ Wiring Diagram



## ■ Instructions

1. This driver should be installed by a qualified and professional person
2. Risk of Electric Shock. Mount the unit at a height greater than 1 foot from the ground service.