

# Yoswit Triac Dimmable Constant Voltage Driver PWM output



## Perfect Match Dimmers and Lighting System

Yoswit Dimmable LED Driver not only match with many dimmers from euro, but also match dimmers from Australia, Such as Lutron, Leviton, Schneider, and other lighting system perfectly.

### Extremely Wide Range of Dimming Effect

PWM is a technology that brings dimming in higher performance no matter the range of dimming or cost. By using PWM Drivers, the power of output can achieve from 5% to 100%, which provides a much higher range of power comparing to non-PWM Drivers, which achieve the range from 60%-100% only. In general, PWM can be implemented in most situations from residential usage like household applications, to large commercial usage like the power supply system of a building.

### Outstanding Quality and Protection

Yoswit Dimmable LED Driver offers outstanding quality and performance that ensures reliable operation of your LED module. The additional humidity protection and increased peak input voltage compatibility make the product more robust for applications in adverse surroundings.

### Apply all Yoswit Dimmer Switch

Yoswit Dimmable LED Driver could match all Yoswit dimmer switch.



Dimmer Socket 55



Dimmer Socket 86



Dimmer Socket 118



Dimmer Socket 120

### Yoswit App

You can download our app and control Yoswit switches with your smart phones via Bluetooth.



Outdoor remote control



Schedule timers



Rooms



Scenes



Away detection



Password protection



IFTTT



# Product Specifications

**8W**



**15W**



**25W**



**50W**



**60W**



**80W / 96W-100W / 120W**



**150W-200W**



Power	Model	Output	Input	Certificate	Size	N.W	IP
8W	YO680-D12008-TD	12V, 0.67A	180-240 VAC	CE	80*36*23mm	0.1kg	IP20 with terminals
	YO680-D24008-TD	24V, 0.33A					
	YO680-D12008-TD	12V, 0.67A	100-130 VAC	-			
	YO680-D24008-TD	24V, 0.33A					
15W	YO680-D12015-TD	12V, 1.25A	180-240 VAC	CE	95*40*25mm	0.13kg	IP20 with terminals
	YO680-D24015-TD	24V, 0.62A					
	YO680-D12015-TDL	12V, 1.25A	100-130 VAC	-			
	YO680-D24015-TDL	24V, 0.62A					
25W	YO680-D12025-TD	12V, 2.08A	180-240 VAC	CE, RoHS	155*54*20mm	0.21kg	IP20 with terminals
	YO680-D24025-TD	24V, 1.04A					
	YO680-D12025-TDL	12V, 2.08A	100-130 VAC	ELT, cETL, FCC, RoHS			
	YO680-D24025-TDL	24V, 1.04A					
50W	YO680-D12050-TD	12V, 4.17A	180-240 VAC	CE, RoHS	178*61*24mm	0.35kg	IP20 with terminals
	YO680-D24050-TD	24V, 2.08A					
	YO680-D12050-TD	12V, 4.17A	100-130 VAC	ELT, cETL, FCC, RoHS			
	YO680-D24050-TD	24V, 2.08A					
60W	YO680-D12060-TD	12V, 5A	100-130 VAC	ELT, cETL, FCC, RoHS	180*60*35mm	0.45kg	IP20 with terminals
	YO680-D24060-TD	24V, 2.5A					
	YO680-D12075-TD	12V, 5A		CE			
	YO680-D24075-TD	24V, 2.5A					
80W	YO680-D12080-TD	12V, 6.67A	180-240 VAC	CE, RoHS	230*70*46mm	1.1kg	IP66
	YO680-D24080-TD	24V, 3.33A					
	YO680-D36080-TD	36V, 2.22A					
	YO680-D48080-TD	48V, 1.67A					
	YO680-D12080-TDL	12V, 6.66A	100-130 VAC	ELT, cETL, FCC, RoHS			
	YO680-D24080-TDL	24V, 3.33A					
	YO680-D36080-TDL	36V, 2.22A		ELT, FCC, RoHS			
	YO680-D48080-TDL	48V, 1.67A					
96W - 100W	YO680-D12100-TD	12V, 0.83A	180-240 VAC	CE, SAA, RoHS	230*70*46mm	1.1kg	IP66
	YO680-D24100-TD	24V, 4.17A					
	YO680-D36100-TD	36V, 2.8A					
	YO680-D48100-TD	48V, 2.1A					
	YO680-D24096-TDL	24V, 4A	100-130 VAC	ELT, cETL, FCC, RoHS			
	YO680-D12100-TDL	12V, 0.83A					
	YO680-D24100-TDL	24V, 4.17A					
	YO680-D36100-TDL	36V, 2.8A					
	YO680-D48100-TDL	48V, 2.1A					

Power	Model	Output	Input	Certificate	Size	N.W	IP
120W	YO680-D12120-TD	12V, 10A	180-240 VAC	CE, SAA, RoHS	230*70*46mm	1.1kg	IP66
	YO680-D24120-TD	24V, 5A					
	YO680-D36120-TD	36V, 3.3A					
	YO680-D48120-TD	48V, 2.5A					
	YO680-D12120-TDL	12V, 10A	100-130 VAC	ELT, cETL, FCC, RoHS			
	YO680-D24120-TDL	24V, 5A					
	YO680-D36120-TDL	36V, 3.3A					
	YO680-D48120-TDL	48V, 2.5A					
150W	YO680-D12150-TD	12V, 12.5A	180-240 VAC	CE, SAA, RoHS	256*78*47mm	1.5kg	IP66
	YO680-D24150-TD	24V, 6.25A					
	YO680-D36150-TD	36V, 4.17A					
	YO680-D48150-TD	48V, 3.1A					
	YO680-D12150-TDL	12V, 12.5A	100-130 VAC	ELT, cETL, FCC, RoHS			
	YO680-D24150-TDL	24V, 6.25A					
	YO680-D36150-TDL	36V, 4.17A					
	YO680-D48150-TDL	48V, 3.1A					
200W	YO680-D12200-TD	12V, 16.67A	180-240 VAC	CE, SAA, RoHS	256*78*47mm	1.5kg	IP66
	YO680-D24200--TD	24V, 8.3A					
	YO680-D36200--TD	36V, 5.6A					
	YO680-D48200-TD	48V, 4.17A					
	YO680-D12200-TDL	12V, 16.67A	100-130 VAC	ELT, cETL, FCC, RoHS			
	YO680-D24200-TDL	24V, 8.3A					
	YO680-D36200-TDL	36V, 5.6A					
	YO680-D48200-TDL	48V, 4.17A					

## General

<b>Product Name</b>	Yoswit Triac Dimmable Constant Voltage Driver PWM output
<b>Revision</b>	V1
<b>Manufacturer</b>	Designed by Yoswit in Hong Kong. Assembled in China
<b>Warranty</b>	2 years, limited (*Details available on the Limited Warranty and Limitations sections of this datasheet)

## Mechanical

<b>Surface Materials</b>	V0 flame-resistant PC +ABS
<b>Operating Temperature Range</b>	10°C to 50°C
<b>Operating Humidity Range</b>	0-90% relative humidity, non-condensing
<b>Storage Conditions</b>	-20°C to 60°C

## **Limited Warranty**

From the date of purchase, the Yoswit Dimmable LED Driver is of standard 2-year warranty only without any defects or errors caused by misuse, neglect or disassembly of the components of Yoswit Dimmable LED Driver without the permission either from Yoswit or any of our distributors. If the product does not perform as warranted above during warranty period, Yoswit will either repair or replace it upon the receipt of the with the completed warranty card or online warranty registration.

## **Limitations**

The above limited warranty is in lieu of all other warranties. Any implied warranty should be limited to 2 years for Yoswit Dimmable LED Driver of the above written express warranty. Please strictly follow the instructions before installation and verify the state of devices manually whenever necessary. In case of disputes, Yoswit reserves the right to make the final decision.