



Constant Current LED Driver

Model	IN put Voltage	Input Current	Input Power	Output power Range	PF	Efficiency	Output Voltage	Output Current
OXS-GP0310F02-2	120V	0.012	8.06W	6.3W	0.557	78.1%	9V	700mA
OXS-GP0310F02-2	230V	0.084	8.13W	6.3W	0.439	77.7%	9V	700mA
OXS-GP0310F02-2	120V	0.148	10.35W	8.4W	0.581	81.1%	12V	700mA
OXS-GP0310F02-2	230V	0.101	10.43W	8.4W	0.467	80.5%	12V	700mA
OXS-GP0310F02-2	120V	0.181	12.8W	10.5W	0.589	81.9%	15V	700mA
OXS-GP0310F02-2	230V	0.117	12.7W	10.5W	0.474	82.5%	15V	700mA

*Test result@230V, 50Hz, Full Load.

1. Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	IP Grade	IP44
	Insulation Class	Class II
Input	Rated Input Voltage	100-240VAC
	Range of Input Voltage	100-240VAC
	Frequency	50/60Hz
	Input Current	$\leq 0.117A$ (220VAC, full load)
	Input Power	$\leq 12.7W$ (230VAC, full load)
	Power Factor	≥ 0.5 (230VAC, full load)
	No-load Power Consumption	$\leq 0.5W$ @230VAC
Output	Current Accuracy	$\pm 5\%$
	Max. Output Power	10.5W
	Started Delay Time	$\leq 0.5S$ (230VAC, full load)
	Current Ripple	$\pm 5\%$ $(I_{max}-I_{min})/(I_{max}+I_{min})$

Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation Voltage	I/P to O/P, 1kVac/1min
	Insulation resistance	>100M ohm 500VDC
	Leakage current	I/P to O/P < 250μA
Environment	Ta/Operation Temperature	-25...+50°C
	Ts/Storage Temperature	-20...+85°C
	Tc/Enclosure Temperature	80°C
	Humidity	10%...90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Direct Lead
	PRI Wire preparation	0.5-0.75 ²
	SEC Wire preparation	0.5-0.75 ²
	Dimension 尺寸	30*21*18mm(L * W * H)
Others	RoHS	Complied to 2011/65/EU
	Lifetime	50000H Ta/Tc
Remark: Specific instructions are not all parameters are not connected dimmer input voltage 230VAC/50Hz and 25°C ambient temperature measured.		

2. Dimension (Unit: mm)

30mm x 21mm x 18mm



3. Wiring instructions

- All connections must be kept as short as possible to ensure good EMI behavior
- Mains leads should be kept apart from LED driver and other leads (ideally 5-10cm distance)
- Advice the maximum length of output wires is 3 m
- Secondary switching is not permitted (Except for constant voltage).
- Incorrect wiring can damage LED Modules.
- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc.)