



XLG

Things To Know





Fighter for **advertising signage sector**

If LPV is not chosen due to the certification and warranty..

If ELG-150 is not chosen due to insufficient rated current..

If HLG is not chosen due to the cost..

XLG has everything: lighting approval EN61347-1 & UL8750, full 150W (12.5A/12V), 5-year warranty, invincible cost level..



New technology yet low cost. How low? XLG-150 has lower price than LPV-150.

Series	Cost Base
XLG-150-A	1.00
LPV-150	1.09
ELG-150-V-A	1.16
HLG-150H-A	1.51



Product Introduction

XLG Family

Output Model	12V	24V	L type (0.7~1A)	M type (1.4~2.1A)	H Type (56V)
XLG-025W					V(54V) (0.25~1A)
XLG-050W					V(54V) (0.53~2.1A)
XLG-075W	V	V	V		V (1.3~2.1A)
XLG-100W	V	V	V		V (1.75~2.7A)
XLG-150W	V	V	V	V	V (2.68~4.1A)
XLG-200W	V	V	V		V (3.5~5.5A)





Product Introduction

XLG Family

Key Features:

- **Constant power** design LED driver, offers flexibility for pairing with light fixtures
- Universal input **100~305VAC**(Class I), suitable for all types of lighting applications
- **India version (optional) with built-in 320VAC cut-off function**
- **Metal enclosure IP67**, suitable for outdoor and high moist environment
- Design with **global cable**, no need to change cable for different countries
- **Surge protection: 6kV/4KV (10KV/6KV option available)**
- **3-in-1 dimming function**
- Approvals: **CB/ENEC EN61347-1, CE, UL8750, EAC, CCC, KC, PSE, BIS**
- **5 years warranty**





Product Introduction

XLG Family

Selling Point:

- Constant power design
- Slim dimensions
- Double-sided PCB
- Ultra-high cost-performance ratio
- SKD/CKD production plans
- Compliance to latest safety requirements of IEC 61347/GB7000.1/UL 8750 dimming circuit isolation
- Suitable for IEC 61347 independent control gear applications





XLG Safety Chart

Safety Model	CB (LVD)	ENEC (LVD)	CE (EMC)	UL 8750 Type HL	UL 879	EAC	PSE	KC	BIS (India)	CCC
XLG-025	V	V	V	V(Class 2)		V	V	V	V	V
XLG-050	V	V	V	V(Class 2)		V	V	V	V	V
XLG-075	V	V	V	V(Class 2)	V(12/24V)	V	V	V	V	V
XLG-100	V	V	V	V(Class 2)	V(12/24V)	V	V	V	V	V
XLG-150	V	V	V	V	V(12/24V)	V	V	V	V	V
XLG-200	V	V	V	V		V	V	V	V	V

MEAN WELL Outdoor Drivers Comparison

Model	XLG series	ELG/ELG-C series	HLG/HLG-C series
Input Voltage	100~305V AC	100(200)~305V AC	100-305V AC
Output Voltage	12v 24v L type(700~1050 mA) M type(1400~2100 mA) H type(250~6600 mA)	ELG :12V/24V/36V/ 42V/48V/54V ELG-C: 350/500/700/ 1050/1400/1750/2100 m A	HLG:12V/15V/20V/24V /30V/36V/42V/48V/54V HLG-C: 350/500/700/1050/1400/ 1750/2100 m A
Output SKU (A/AB Type)	38	106	138
Efficiency	94% Max.	93% Max.	94% Max.
Surge Protection	6kV/4kV (10k/6kv optional)	6kV/4kV	4kV/2kV
THD	<10%	<20%	<20%
Dimming	3 in 1	3 in 1/DALI/ Programable Timer	3 in 1/ Programable Timer
Input OVP	Yes(India version)	No	No
Warranty	5	5	7
Price	\$	\$\$	\$\$\$



Outdoor Drivers Size Comparison

XLG series	ELG/ELG-C series	HLG/HLG-C series
XLG-25 105*63*30 mm	X	X
XLG-50 105*63*30 mm	X	HLG-40/HLG-60/HLG-C-60 171*61.5*36.8 mm
XLG-75 140*63*30 mm	ELG/ELG-C-75 180*63*35.5 mm	HLG-80H/HLG-80H-C 195*61*38.8 mm
XLG-100 140*63*30 mm	ELG/ELG-C-100 199*63*35.5 mm	HLG-100/HLG-C-120 220*68*38.8 mm
XLG-150 180*63*35.5 mm	ELG/ELG-C-150 219*63*35.5 mm	HLG-150H 228*68*38.8 mm
XLG-200 199*63*35.5 mm	ELG/ELG-C-200 244*71*37.5 mm	HLG-185H/HLG-C-185 228*68*38.8 mm



HLG/ELG/HLG SPEC comparison:

Family	HLG	ELG	XLG
Input Voltage	90~305V	100~305V(low-line de-rating)	100~305V
Efficiency	High	Average	Average
THD	Average	Average	Good ($\leq 10\%$)
Dimming Options	Few (B type 1~10V)	Many (B type 0~10V)	Few (AB type 0~10V)
Input Cord	3C	2C	3C
Enclosure	Aluminum Extrusion	Sheet Metal Forming	Sheet Metal Forming
Waterproof	Average	Above Average	Above Average
Tc/W Temp.	Low	3~5°C higher	3~5°C higher
Surge	4KV/2KV	6KV/4KV	6KV/4KV
Warranty	7 years	5 years	5 years
Dimensions	Large	Large	1/3 of ELG
Others	CV+CC	CV+CC	Constant Power

