



ELG Family Upgrade Notice

Full Range Input Expansion & Globally Certified Cable Adoption

ELG family is the LED driver MEAN WELL unveils with extremely high market competitiveness and has been widely adopted into all kinds of LED luminaires designs and worldwide street lighting projects by our precious partners. In order to further expand the application range and support LED clients on global product promotion, MEAN WELL puts efforts and resource into the entire ELG family, upgrading the AC input range to full range universal input and introducing the globally certified cables. Hereunder is the revision information.

I. Full range input: input range upgraded to worldwide workable 100~305VAC

The ELG family originally targeted the outdoor street lighting market, and the firstly released 75W/100W/150W series were thus designed to operate for 180~295VAC. In order to satisfy the demands of 100VAC~120VAC for other types of LED lighting applications, MEAN WELL upgrades and expands the input range of the firstly released **75W/100W/150W to 100~305VAC as well as that of 200W/240W** announced at a later time [Note1]. The relevant certificates for 75W/100W/150W have also been updated accordingly.

II. Globally certified cables: input/output/dimming wiring upgrade

The ELG family were originally planned to use UL type cables; when sold to certain countries (e.g. China, Australia, Japan, etc.), the wiring must be changed according to local regulation and the end product need to be certified in turn, which is a very time-consuming flow. Besides, there will be MOQ requirement for the specific cables; the stock and cost for these cables are also a problem, compared to the standard models. In order to resolve the issues regarding stock and cost management resulting from local regulations and requirements for cables, and to enhance product application scopes, MEAN WELL introduces *the industry-leading globally certified cables- compliant with UL (for North America), VDE (for Europe), CCC (for China), KC (for Korea), RCM (for Australia), BSMI (for Taiwan), TUV Brazil (for Brazil) and PSE (for Japan)- to the entire ELG family* [Note2]. With the globally certified cables MEAN WELL introduces, ELG family will be upgraded as the only standard LED drivers with UL, ENEC and CCC in the market that benefits distributor partners and end customers not only on product stock management but also the promotion for LED light market which continues growing.

[Note.1] When operating in the range 100~180VAC, de-rating is needed. Please refer to the datasheet for details.

[Note.2] The main output, Vo+/Vo-, of ELG-200-12 will adopt SJTW 14AWG x2C. Please refer to ELG-200's datasheet.

III. Labelling layout and format change

MEAN WELL will continue improving market competitiveness for products. For the revision work advised above, MEAN WELL has finished updating certificates series in succession. The incurred cost increase due to this upgrade will be 100% taken in by MEAN WELL that no corresponding adjustment will be applied to the pricing. Should there be any questions with respect to this revision, please refer to the latest specification announced on MEAN WELL's corporate website or contact with MEAN WELL sales representatives.

Product upgrade and revision illustration

<p>Original Label</p>	
<p>New Label</p>	

(Cont'd)



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	Regarding globally certified cables	[1] Upgraded to full range input. The rated power corresponding to each input range is listed.		
		[2] Cable color- Input side	<p>ACL: brown wire / ACN : blue wire</p> 	
		[2] Cable color- Output side	<p>A-Type: main output Vo+ brown wire / Vo- blue wire</p> 	
			<p>B-Type: main output Vo+ brown wire / Vo- blue wire DIM+ brown wire with gray heat shrinkable tube DIM- blue wire with black heat shrinkable tube</p> 	
New Label	Others	[3] INPUT end and OUTPUT end are clearly identified.		
		[4] In addition to UL and ENEC, CCC mark is added to the standard models.		
		[5] The maximum Tcase point location is identified.		

ELG family upgrade schedule:

Series	Upgrade Schedule	
	First Day of New Production Cycle	Production Lot Number
ELG-75	2016/8/23	W1609B
ELG-75-C	2016/8/23	W1609B
ELG-100	2016/8/16	W1609A
ELG-100-C	2016/8/16	W1609A
ELG-150	2016/8/16	W1609A
ELG-150-C	2016/8/16	W1609A
ELG-200	2016/8/16	W1609A
ELG-200-C	2016/8/16	W1609A
ELG-240	2016/8/16	W1609A
ELG-240-C	2016/8/08	W1608E

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