





IS 15885(Part 2/Sec13)

8 R-41027766



Features

Constant Voltage + Constant Current mode output

K

- · Metal housing with class ${\rm I}$ design
- · IP67 / IP65 rating for indoor or outdoor installations
- Function options: output adjustable via potentiometer; 3 in 1 dimming
- Typical lifetime > 62000 hours
- 7 years warranty

Description



Applications

- · LED street lighting
- LED high-bay lighting
- Parking space lighting
- · LED fishing lamp
- LED greenhouse lighting
- Type "HL" for use in Class I , Division 2 hazardous (Classified) location.

GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

HLG-240H series is a 240W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-240H operates from 90 ~ 305VAC and offers models with different rated voltage ranging between 12V and 54V. Thanks to the high efficiency up to 93.5%, with the fanless design, the entire series is able to operate for -40° C ~ $+90^{\circ}$ C case temperature under free air convection. The design of metal housing and IP67/IP65 ingress protection level allows this series to fit both indoor and outdoor applications. HLG-240H is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding

HLG - 240H - 15 A

Function options

Rated output voltage (12V/15V/20V/24V/30V/36V/42V/48V/54V)

Rated wattage

Series name

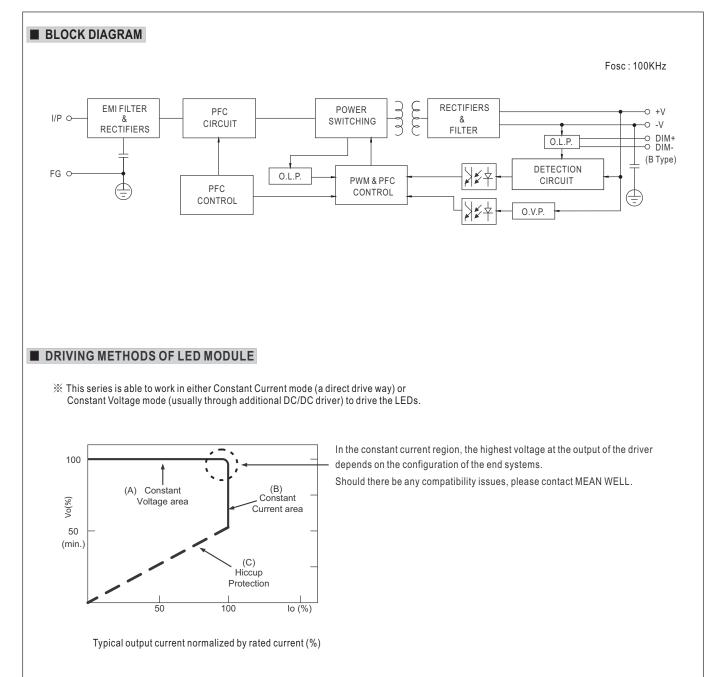
Туре	IP Level	Function	Note
Blank	IP67	Io and Vo fixed	In Stock
A	IP65	Io and Vo adjustable through built-in potentiometer	In Stock
В	IP67	3 in 1 dimming function (1~10VDC, 10V PWM signal and resistance)	In Stock
AB	IP65	Io and Vo adjustable through built-in potentiometer & 3 in 1 dimming function (1~10Vdc, 10V PWM signal and resistance)	In Stock
С		Terminal block for I/O connection. Output voltage and constant current level can be adjusted through internal potentiometer.	By request
D	IP67	Timer dimming function, contact MEAN WELL for details(safety pending).	By request



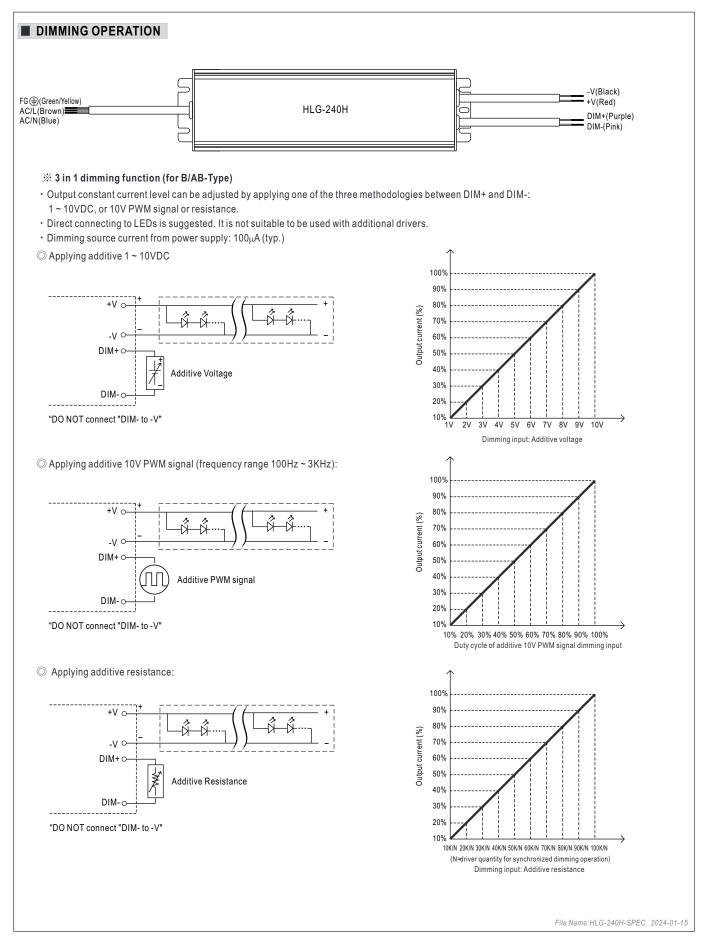
SPECIFICATION

DC VOLTAGE CONSTANT CURRENT REGION Note.4 RATED CURRENT RATED POWER RIPPLE & NOISE (max.) Note.2 VOLTAGE ADJ. RANGE CURRENT ADJ. RANGE VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) MAX. No. of PSUS on 16A CIRCUIT BREAKER LEAKAGE CURRENT	16A 192W 150mVp-p Adjustable for 11.2 ~ 12.8V Adjustable for 8 ~ 16A ±2.5% ±0.5% ±2.0% 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer to 47 ~ 63Hz PF≧0.98/115 (Please refer to THD< 20% (@ (Please refer to 90% 4A / 115VAC COLD START	14 ~ 16V A/AB/C-Type 7.5 ~ 15A ±2.0% ±0.5% ±1.5% \$/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≧0.9 \$/0AC, PF≧0.9 \$/0AC PF PC PF \$/0AC PF PC PF \$/0AC PF PC PF \$/0AC PF PC PF \$/0AC	e only (via built 6 ~ 12A ± 1.0% ± 0.5% ± 1.0% 500ms,80ms/2 IVDC ARACTERISTI 5/230VAC @ fr CTOR (PF) CH / 115VAC,230° ARMONIC DIS 91.5%	22.4 ~ 25.6V t-in potention 5 ~ 10A ±1.0% ±0.5% ±0.5% 230VAC IC" section) ull load IARACTERIST VAC; @ load	28 ~ 32V eter) 4 ~ 8A ± 1.0% ± 0.5% ± 0.5%	36V 18 ~ 36V 6.7A 241.2W 250mVp-p 33.5 ~ 38.5V 3.3 ~ 6.7A ± 1.0% ± 0.5% ± 0.5%	42V 21~42V 5.72A 240.24W 250mVp-p 39~45V 2.86~5.72A ±1.0% ±0.5%	48V 24~48V 5A 240W 250mVp-p 44.8~51.2V 2.5~5A ±1.0% ±0.5%	54∨ 27 ~ 54∨ 4.45A 240.3W 350mVp-p 50 ~ 57∨ 2.23 ~ 4.45/ ±1.0% ±0.5%							
CONSTANT CURRENT REGION Note.4 RATED CURRENT RATED POWER RIPPLE & NOISE (max.) Note.2 VOLTAGE ADJ. RANGE CURRENT ADJ. RANGE CURRENT ADJ. RANGE VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	6 ~12V 16A 192W 150mVp-p Adjustable for 11.2 ~ 12.8V Adjustable for 8 ~ 16A ± 2.5% ± 0.5% ± 2.0% 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer to 47 ~ 63Hz PF≧0.98/115 (Please refer to THD< 20% (@ (Please refer to 90% 4A / 115VAC COLD START	7.5 ~ 15V 15A 225W 150mVp-p r A/AB/C-Type 14 ~ 16V r A/AB/C-Type 14 ~ 16V r A/AB/C-Type 14 ~ 16V r A/AB/C-Type 14 ~ 16V r A/AB/C-Type 127 ~ 451 ± 2.0% ± 1.5% s/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≥0.9 to "POWER FAR © load ≥ 50% to "TOTAL HA 90% 2A / 230V.	10~20V 12A 240W 150mVp-p only (via built 18.6~21.4V only (via built 6~12A ±1.0% ±0.5% ±1.0% 5/230VAC @ fr CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	12 ~ 24V 10A 240W 150mVp-p t-in potentiom 22.4 ~ 25.6V t-in potentiom 5 ~ 10A ± 1.0% ± 0.5% ± 0.5% :20VAC	15 ~ 30V 8A 240W 200mVp-p eter) 28 ~ 32V eter) 4 ~ 8A ± 1.0% ± 0.5% ± 0.5%	18 ~ 36V 6.7A 241.2W 250mVp-p 33.5 ~ 38.5V 3.3 ~ 6.7A ±1.0% ±0.5%	21~42V 5.72A 240.24W 250mVp-p 39~45V 2.86~5.72A ±1.0% ±0.5%	24~48V 5A 240W 250mVp-p 44.8~51.2V 2.5~5A ±1.0% ±0.5%	27 ~ 54V 4.45A 240.3W 350mVp-p 50 ~ 57V 2.23 ~ 4.45/ ± 1.0% ± 0.5%							
RATED CURRENT RATED POWER RIPPLE & NOISE (max.) Note.2 VOLTAGE ADJ. RANGE CURRENT ADJ. RANGE CURRENT ADJ. RANGE VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	16A 192W 150mVp-p Adjustable for 11.2 ~ 12.8V Adjustable for 8 ~ 16A ±2.5% ±0.5% ±2.0% 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer to 47 ~ 63Hz PF≧0.98/115 (Please refer to THD< 20% (@ (Please refer to 90% 4A / 115VAC COLD START	15A 225W 150mVp-p 14~16V 14~16V 1/AB/C-Type 14~16V 1/5~15A ±2.0% ±0.5% ±1.5% s/115VAC 5 C, 230VAC 127~431 0"STATIC CH. VAC, PF≥0.9 0 o"POWER FAR 0 load ≥50% 0 to "TOTAL HA 90% 2A / 230V.	12A 240W 150mVp-p only (via built 18.6 ~ 21.4V only (via built 6 ~ 12A ± 1.0% ± 0.5% ± 1.0% 5/230VAC @ ft CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	10A 240W 150mVp-p t-in potentiom 22.4 ~ 25.6V t-in potentiom 5 ~ 10A ± 1.0% ± 0.5% ± 0.5% 230VAC IC" section) UII load IARACTERIST VAC; @ load TORTION (Th	8A 240W 200mVp-p eter) 28 ~ 32V eter) 4 ~ 8A ± 1.0% ± 0.5% ± 0.5% (C" section) ≥75% / 277VA	6.7A 241.2W 250mVp-p 33.5 ~ 38.5V 3.3 ~ 6.7A ±1.0% ±0.5% ±0.5%	5.72A 240.24W 250mVp-p 39~45V 2.86~5.72A ±1.0% ±0.5%	5A 240W 250mVp-p 44.8 ~ 51.2V 2.5 ~ 5A ±1.0% ±0.5%	4.45A 240.3W 350mVp-p 50 ~ 57V 2.23 ~ 4.45/ ±1.0% ±0.5%							
RATED POWER RIPPLE & NOISE (max.) Note.2 VOLTAGE ADJ. RANGE CURRENT ADJ. RANGE CURRENT ADJ. RANGE VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	192W 150mVp-p Adjustable for 11.2 ~ 12.8V Adjustable for 8 ~ 16A ±2.5% ±0.5% ±2.0% 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer to 47 ~ 63Hz PF≧0.98/115 (Please refer to THD< 20% (@ (Please refer to 90% 4A / 115VAC COLD START	225W 150mVp-p rA/AB/C-Type 14 ~ 16V rA/AB/C-Type 7.5 ~ 15A ±2.0% ±0.5% ±1.5% s/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≥0.9 to "POWER FAR @ load≥50% f to "TOTAL HA 90% 2A / 230V.	240W 150mVp-p only (via built 18.6 ~ 21.4V only (via built 6 ~ 12A ± 1.0% ± 0.5% ± 1.0% 500ms,80ms/2 1VDC ARACTERISTI 5/230VAC @ fr CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	240W 150mVp-p t-in potentiom 22.4 ~ 25.6V t-in potentiom 5 ~ 10A ± 1.0% ± 0.5% ± 0.5% 230VAC IC" section) UII load IARACTERIST VAC; @ load TORTION (Th	240W 200mVp-p eter) 28 ~ 32V eter) 4 ~ 8A ± 1.0% ± 0.5% ± 0.5% UC" section) ≥ 75% / 277VA	241.2W 250mVp-p 33.5 ~ 38.5V 3.3 ~ 6.7A ±1.0% ±0.5% ±0.5%	240.24W 250mVp-p 39~45V 2.86~5.72A ±1.0% ±0.5%	240W 250mVp-p 44.8 ~ 51.2V 2.5 ~ 5A ±1.0% ±0.5%	240.3W 350mVp-p 50 ~ 57V 2.23 ~ 4.45, ±1.0% ±0.5%							
RIPPLE & NOISE (max.) Note.2 VOLTAGE ADJ. RANGE CURRENT ADJ. RANGE VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	150mVp-p Adjustable for 11.2 ~ 12.8V Adjustable for 8 ~ 16A ±2.5% ±0.5% ±2.0% 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer t THD< 20% (@ (Please refer t THD< 20% (@ (Please refer t 90% 4A / 115VAC COLD START	150mVp-p A/AB/C-Type 14 ~ 16V r A/AB/C-Type 7.5 ~ 15A ±2.0% ±0.5% ±1.5% s/115VAC 55 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≧ 0.9 to "POWER FA! @ load ≧50% / to "TOTAL HA! 90% 2A / 230V.	150mVp-p only (via built 18.6 ~ 21.4V only (via built 6 ~ 12A ±1.0% ±0.5% ±1.0% 500ms,80ms/2 1VDC ARACTERISTI 5/230VAC @ ft CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	150mVp-p t-in potention 22.4 ~ 25.6V t-in potention 5 ~ 10A ±1.0% ±0.5% ±0.5% 230VAC IC" section) GARACTERIST VAC; @ load TORTION (TH)	200mVp-p eter) 28 ~ 32V eter) 4 ~ 8A ± 1.0% ± 0.5% ± 0.5%	250mVp-p 33.5 ~ 38.5V 3.3 ~ 6.7A ±1.0% ±0.5% ±0.5%	250mVp-p 39~45V 2.86~5.72A ±1.0% ±0.5%	250mVp-p 44.8 ~ 51.2V 2.5 ~ 5A ±1.0% ±0.5%	350mVp-p 50 ~ 57V 2.23 ~ 4.45 ± 1.0% ± 0.5%							
VOLTAGE ADJ. RANGE CURRENT ADJ. RANGE VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	Adjustable for 11.2 ~ 12.8V Adjustable for 8 ~ 16A $\pm 2.5\%$ $\pm 0.5\%$ $\pm 2.0\%$ 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer to THD < 20% (@ (Please refer to THD < 20% (@ (Please refer to 90% 4A / 115VAC COLD START	r A/AB/C-Type 14 ~ 16V r A/AB/C-Type 7.5 ~ 15A ±2.0% ±0.5% ±1.5% \$/115VAC 55 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≧0.9 VAC, PF≧0.9 (to "TOTAL HA 90% 2A / 230V.	e only (via built 18.6 ~ 21.4V only (via built 6 ~ 12A ± 1.0% ± 0.5% ± 1.0% 500ms,80ms/2 1VDC ARACTERISTI 5/230VAC @ fn CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	t-in potentiom 22.4 ~ 25.6V t-in potentiom 5 ~ 10A ± 1.0% ± 0.5% ± 0.5% 230VAC IC" section) III load IARACTERIST VAC; @ load 5TORTION (Th	eter) 28 ~ 32V eter) 4 ~ 8A ± 1.0% ± 0.5% ± 0.5% UC" section) ≥ 75% / 277VA	33.5 ~ 38.5V 3.3 ~ 6.7A ± 1.0% ± 0.5% ± 0.5%	39~45V 2.86~5.72A ±1.0% ±0.5%	44.8 ~ 51.2V 2.5 ~ 5A ±1.0% ±0.5%	50 ~ 57V 2.23 ~ 4.45 ±1.0% ±0.5%							
CURRENT ADJ. RANGE VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	11.2 ~ 12.8V Adjustable for 8 ~ 16A $\pm 2.5\%$ $\pm 0.5\%$ $\pm 2.0\%$ 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer the theorem of theorem of the theorem of the	14 ~ 16V A/AB/C-Type 7.5 ~ 15A ±2.0% ±0.5% ±1.5% \$/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≧0.9 \$/0AC, PF≧0.9 \$/0AC PF PC PF \$/0AC PF PC PF \$/0AC PF PC PF \$/0AC PF PC PF \$/0AC	18.6~21.4V only (via built 6~12A ±1.0% ±0.5% ±1.0% 500ms,80ms/2 1VDC ARACTERISTI 5/230VAC @ fr CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	22.4 ~ 25.6V t-in potention 5 ~ 10A ± 1.0% ± 0.5% ± 0.5% 230VAC IC" section) UII load IARACTERIST VAC; @ load 5TORTION (TH	28 ~ 32V eter) 4 ~ 8A ± 1.0% ± 0.5% ± 0.5%	3.3~6.7A ±1.0% ±0.5% ±0.5%	2.86~5.72A ±1.0% ±0.5%	2.5~5A ±1.0% ±0.5%	2.23 ~ 4.45 ±1.0% ±0.5%							
VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	8 ~ 16A ±2.5% ±0.5% ±2.0% 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer t 47 ~ 63Hz PF≧0.98/115 (Please refer t THD< 20% (@ (Please refer 90% 4A / 115VAC COLD START	7.5 ~ 15A ±2.0% ±0.5% ±1.5% \$/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≧0.9 0 Ioad≧50% to "TOTAL HA 90% 2A / 230V.	6 ~ 12A ± 1.0% ± 0.5% ± 1.0% 000ms,80ms/2 1VDC ARACTERISTI 5/230VAC @ fn CTOR (PF) CH / 115VAC,2300 ARMONIC DIS 91.5%	5~10A ±1.0% ±0.5% ±0.5% 230VAC IC" section) UII load IARACTERIST VAC; @ load STORTION (TH	4~8A ±1.0% ±0.5% ±0.5%	±1.0% ±0.5% ±0.5%	±1.0% ±0.5%	±1.0% ±0.5%	±1.0% ±0.5%							
VOLTAGE TOLERANCE Note.3 LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	$\pm 2.5\%$ $\pm 0.5\%$ $\pm 2.0\%$ 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer t 47 ~ 63Hz PF ≥ 0.98/115 (Please refer t THD< 20% (@ (Please refer 90% 4A / 115VAC COLD START	±2.0% ±0.5% ±1.5% s/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≥0.9 to "POWER FA! @ load≥50% / to "TOTAL HA! 90% 2A / 230V.	±1.0% ±0.5% ±1.0% i00ms,80ms/2 IVDC ARACTERISTI 5/230VAC @ fr CTOR (PF) CH / 115VAC,230° ARMONIC DIS 91.5%	± 1.0% ± 0.5% ± 0.5% 230VAC IC" section) IARACTERIST VAC; @ load = 5TORTION (TH	± 1.0% ± 0.5% ± 0.5%	±1.0% ±0.5% ±0.5%	±1.0% ±0.5%	±1.0% ±0.5%	±1.0% ±0.5%							
LINE REGULATION LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	$\pm 0.5\%$ $\pm 2.0\%$ 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer t 47 ~ 63Hz PF $\ge 0.98/115$ (Please refer t THD< 20% ((% (Please refer 90% 4A / 115VAC COLD START	±0.5% ±1.5% s/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≥0.9 to "POWER FA @ load≥50% / to "TOTAL HA 90% 2A / 230V.	±0.5% ±1.0% 500ms,80ms/2 1VDC ARACTERISTI 5/230VAC @ ft CTOR (PF) CH / 115VAC,230° ARMONIC DIS 91.5%	±0.5% ±0.5% 230VAC IC" section) iull load iARACTERIST VAC; @ load a 5TORTION (TH	±0.5% ±0.5% C" section) ≥75% / 277VA	±0.5% ±0.5%	±0.5%	±0.5%	±0.5%							
LOAD REGULATION SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	$\pm 2.0\%$ 1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer t 47 ~ 63Hz PF $\ge 0.98/115$ (Please refer t THD< 20% ((((Please refer 90%) 4A / 115VAC COLD START	±1.5% s/115VAC 5 C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≥0.9 to "POWER FA! @ load≥50% / to "TOTAL HA! 90% 2A / 230V.	±1.0% 500ms,80ms/2 1VDC ARACTERISTI 5/230VAC @ fr CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	±0.5% 230VAC IC" section) iull load IARACTERIST VAC; @ load a 5TORTION (TH	±0.5% C" section) ≥75% / 277VA	±0.5%										
SETUP, RISE TIME Note.6 HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	1000ms,80ms 15ms / 115VAC 90 ~ 305VAC (Please refer t 47 ~ 63Hz PF \ge 0.98/115 (Please refer t THD< 20% (\langle (Please refer 90% 4A / 115VAC COLD START	s/115VAC 5 C, 230VAC 127 ~ 431 io "STATIC CH. VAC, PF≧0.9 io "POWER FA @ load≧50% / to "TOTAL HA 90% 2A / 230V.	5/230VAC @ fr 5/230VAC @ fr CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	IC" section) IC" section) III load IARACTERIST VAC; @ load 2 TORTION (TH	 IC" section) ≧75% / 277VA		±0.5%	±0.5%	±0.5%							
HOLD UP TIME (Typ.) VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	15ms / 115VAC 90 ~ 305VAC (Please refer t 47 ~ 63Hz PF≧0.98/115 (Please refer THD< 20% (@ (Please refer 90% 4A / 115VAC COLD START	C, 230VAC 127 ~ 431 to "STATIC CH. VAC, PF≧0.9 to "POWER FA' @ load≧50% / to "TOTAL HA' 90% 2A / 230V.	IVDC ARACTERISTI 5/230VAC @ fr CTOR (PF) CH / 115VAC,230' ARMONIC DIS 91.5%	IC" section) ull load IARACTERIST VAC; @ load≧ TORTION (TH	≧75% / 277VA	C)										
VOLTAGE RANGE Note.5 FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	90 ~ 305VAC (Please refer t 47 ~ 63Hz PF≧0.98/115 (Please refer t THD< 20% (@ (Please refer 90% 4A / 115VAC COLD START	127 ~ 431 to "STATIC CH. VAC, PF≧0.9 to "POWER FA @ load≧50% / to "TOTAL HA 90% 2A / 230V.	ARACTERISTI 5/230VAC @ fi CTOR (PF) CH / 115VAC,230 ¹ ARMONIC DIS 91.5%	ull load IARACTERIST VAC; @ load TORTION (TH	≧75% / 277VA	C)										
FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	(Please refer t 47 ~ 63Hz PF≧0.98/115 (Please refer t THD< 20% (@ (Please refer 90% 4A / 115VAC COLD START	to "STATIC CH. VAC, PF≧0.9 to "POWER FA @ load≧50% / to "TOTAL HA 90% 2A / 230V	ARACTERISTI 5/230VAC @ fi CTOR (PF) CH / 115VAC,230 ¹ ARMONIC DIS 91.5%	ull load IARACTERIST VAC; @ load TORTION (TH	≧75% / 277VA	C)										
FREQUENCY RANGE POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	47 ~ 63Hz PF≧0.98/115 (Please refer t THD< 20% (@ (Please refer 90% 4A / 115VAC COLD START	VAC, PF≧0.9 to "POWER FA @ load≧50% / to "TOTAL HA 90% 2A / 230V	5/230VAC @ fi CTOR (PF) CH / 115VAC,230 ⁾ ARMONIC DIS 91.5%	ull load IARACTERIST VAC; @ load TORTION (TH	≧75% / 277VA	C)										
POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	PF≧0.98/115 (Please refer t THD<20% (@ (Please refer 90% 4A / 115VAC COLD START	to "POWER FA @ load ≥ 50% / to "TOTAL HA 90% 2A / 230V	CTOR (PF) CH / 115VAC,230 [\] ARMONIC DIS 91.5%	IARACTERIST VAC; @ load≧ TORTION (TH	≧75% / 277VA	C)										
TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	(Please refer t THD<20% (@ (Please refer 90% 4A / 115VAC COLD START	to "POWER FA @ load ≥ 50% / to "TOTAL HA 90% 2A / 230V	CTOR (PF) CH / 115VAC,230 [\] ARMONIC DIS 91.5%	IARACTERIST VAC; @ load≧ TORTION (TH	≧75% / 277VA	C)										
TOTAL HARMONIC DISTORTION EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	THD< 20% (@ (Please refer 90% 4A / 115VAC COLD START	@ load≧50% / to "TOTAL HA 90% 2A / 230V	/ 115VAC,230 ARMONIC DIS 91.5%	VAC; @ load≧ TORTION (TH	≧75% / 277VA	C)										
EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	(Please refer 90% 4A / 115VAC COLD START	to "TOTAL HA 90% 2A / 230V	ARMONIC DIS 91.5%	TORTION (TH		C)										
EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	(Please refer 90% 4A / 115VAC COLD START	to "TOTAL HA 90% 2A / 230V	ARMONIC DIS 91.5%	TORTION (TH				THD<20% (@ load≥50% / 115VAC 230VAC: @ load≥75% / 277VAC)								
AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	90% 4A / 115VAC COLD START	90% 2A / 230V	91.5%	`````	(Please refer to "TOTAL HARMONIC DISTORTION (THD)" section)											
AC CURRENT (Typ.) INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	4A / 115VAC COLD START	2A / 230V		02.070	92.5%	92.5%	92.5%	93%	93.5%							
INRUSH CURRENT (Typ.) MAX. No. of PSUs on 16A CIRCUIT BREAKER	COLD START			/ 277VAC												
MAX. No. of PSUs on 16A CIRCUIT BREAKER			us measured a		230VAC: Per NE	-MA 410										
CIRCUIT BREAKER	2 units (circuit	COLD START 75A(twidth=570µs measured at 50% Ipeak) at 230VAC; Per NEMA 410														
	2 units (circuit breaker of type B) / 4 units (circuit breaker of type C) at 230VAC															
OVER CURRENT	R CURRENT 95 ~ 108%															
	Constant current limiting, recovers automatically after fault condition is removed															
SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed															
	13.5~18V 17.5~21.5V 23.5~27.5V 27~34V 33~39V 43~49V 48~54V 55~63V 60~67V															
	Shut down and latch off o/p voltage, re-power on to recover															
OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down															
WORKING TEMP. Tcase= -40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)																
MAX. CASE TEMP.	Tcase= +90°C															
WORKING HUMIDITY	20 ~ 95% RH non-condensing															
SAFETY STANDARDS	UL1012, CAN/CSA-C22.2 No. 107.1-01, UL8750(type"HL"), CSA C22.2 No. 250.0-08; BS EN/EN/AS/NZS 61347-1, BS EN/EN/AS/NZS 61347-2-13 independent (except for HLG-240H C type); IEC/UL/BS EN/EN 62368-1(except for AB,D type), UL8750;GB19510.1,GB19510.14(except for C-type);IP65 or IP67;J61347-1,J61347-2-13(except for B,AB and D-type), BIS IS15885(for 48V only), EAC TP TC 004,KC61347-1,KC61347-2-13(except for AB,C,D-type) approved															
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC															
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH															
EMC EMISSION	Compliance to BS EN/EN55015, BS EN/EN55032 (CISPR32) Class B, BS EN/EN61000-3-2 Class C (@ load≧50%) ; BS EN/EN61000-3-3, GB/T 17743 , GB17625.1, EAC TP TC 020; KC KN15, KN61547(except for AB, C, D-type)															
EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN61547, BS EN/EN55024, light industry level (surge immunity Line-Earth 4KV, Line-Line 2KV) EAC TP TC 020;KC KN15,KN61547(except for AB,C,D-type)								unity							
MTBF	2015.1K hrs min. Telcordia SR-332 (Bellcore) ; 176.4K hrs min. MIL-HDBK-217F (25℃)															
DIMENSION	244.2*68*38.8	8mm (L*W*H)(I	HLG-240H-Bla	ank/A/B) 2	251*68*38.8mm	n (L*W*H)(HLG	G-240H C-Type))								
PACKING	1.3Kg; 12pcs/	16.6Kg/0.84Cl	UFT(HLG-240-	-Blank/A/B)	1.23Kg; 12p	cs/15.8Kg/1.16	CUFT(HLG-24	10 C-Type)								
 Ripple & noise are measure Tolerance : includes set up t Please refer to "DRIVING M De-rating may be needed ut Length of set up time is mee The driver is considered as complete installation, the fina (as available on https://www. To fulfill requirements of the connected to the mains. This series meets the typica Please refer to the warrant The ambient temperature of 	d at 20MHz of tolerance, line in IETHODS OF inder low input asured at first of a component t al equipment in meanwell.com latest ErP regu- il life expectance y statement or derating of 3.5°	f bandwidth by regulation and LED MODULE voltages. Plea cold start. Turr that will be ope manufacturers n//Upload/PDF/ ulation for light cy of >62,000 m MEAN WELL C/1000m with	v using a 12" th load regulatio E". use refer to "ST ining ON/OFF t erated in comb must re-qualify [EMI_statemen ing fixtures, th hours of opera L's website at I fanless mode	wisted pair-wir on. TATIC CHARA the driver may pination with fir y EMC Directin t_en.pdf) is LED driver tis LED driver ation when Tca http://www.me	e terminated w CTERISTIC" s lead to increas nal equipment. ve on the comp can only be us ase, particularly anwell.com. 1000m with far	ith a 0.1uf & 4 ections for def se of the set u Since EMC pe olete installation ed behind a su (c) point (or 1 n models for op	tails. p time. erformance will n again. witch without p TMP, per DLC) perating altitud	l be affected by permanently), is about 75℃	C or less.							
	VER VOLTAGE VER TEMPERATURE //ORKING TEMP. IAX. CASE TEMP. //ORKING HUMIDITY TORAGE TEMP., HUMIDITY EMP. COEFFICIENT IBRATION AFETY STANDARDS //ITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION MC IMMUNITY ITBF IMENSION ACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 1 4. Please refer to "DRIVING IV 5. De-rating may be needed u 5. Length of set up time is mea 7. The driver is considered as complete installation, the fin (as available on https://www. 8. To fuffill requirements of the connected to the mains. 9. This series meets the typica 10. Please refer to the warrant 11. The ambient temperature of 12. For any application note ar https://www.meanwell.com	VER VOLTAGE 13.5 ~ 18V Shut down an Shut down an VER TEMPERATURE Shut down an /ORKING TEMP. Tcase= -40 ~ IAX. CASE TEMP. Tcase= +90°C /ORKING HUMIDITY 20 ~ 95% RH TORAGE TEMP., HUMIDITY -40 ~ +80°C, EMP. COEFFICIENT ± 0.03%/°C (IBRATION 10 ~ 500Hz, 5 AFETY STANDARDS UL1012, CAN BS EN/EN/AS UL8750; GB12 BIS IS15885(////////////////////////////////////	VER VOLTAGE 13.5 ~ 18V 17.5 ~ 21.5V Shut down and latch off o/p Shut down o/p voltage, rec /ORKING TEMP. Tcase= -40 ~ +90°C (Pleas IAX. CASE TEMP. Tcase= +90°C (Pleas /ORKING HUMIDITY 20 ~ 95% RH non-condensir (Pleas TORAGE TEMP. ±0.03%/°C (0 ~ 50°C) (Pleas /IBRATION 10 ~ 500Hz, 5G 12min./1cyc (UL1012, CAN/CSA-C22.2 N) AFETY STANDARDS UL1012, CAN/CSA-C22.2 N (UL1012, CAN/CSA-C22.2 N) //ITHSTAND VOLTAGE I/P-O/P.3.75KVAC I/P-FG //ITHSTAND VOLTAGE I/P-O/P.3.75KVAC I/P-FG //ITHSTAND VOLTAGE I/P-O/P.1/P-FG, O/P-FG:10 MC IMMUNITY Compliance to BS EN/EN55 SCLATION RESISTANCE I/P-O/P. 1/P-FG, O/P-FG:10 MC IMMUNITY Compliance to BS EN/EN61 ITBF 2015.1K hrs min. Telcord IMENSION 244.2*68*38.8mm (L*W*H)(ACKING 1.3Kg; 12pcs/16.6Kg/0.84CI 1. All parameters NOT specially mentioned are measured at 200Hz of bandwidth by 3. Tolerance : includes set up tolerance, line regulation and 4.	VER VOLTAGE 13.5 ~ 18V 17.5 ~ 21.5V 23.5 ~ 27.5V Shut down and latch off o/p voltage, recovers automation of the provide off of provide off off of provide off off off off off off off off off of	VER VOLTAGE 13.5 ~ 18V 17.5 ~ 21.5V 23.5 ~ 27.5V 27 ~ 34V Shut down and latch off o/p voltage, re-power on to recov Shut down o/p voltage, recovers automatically after ter /ORKING TEMP. Tcase= -40 ~ +90°C (Please refer to "OUTPUT LOAD v. IAX. CASE TEMP. Tcase= +90°C ////////////////////////////////////	VER VOLTAGE 13.5 ~ 18V 17.5 ~ 21.5V 23.5 ~ 27.5V 27 ~ 34V 33 ~ 39V VER VOLTAGE Shut down o/p voltage, re-power on to recover VER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes /ORKING TEMP. Tcase= -40 ~ +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE) IAX. CASE TEMP. Tcase= +90°C ////////////////////////////////////	VER VOLTAGE 13.5 - 18V 17.5 - 21.5V 23.5 - 27.5V 27 - 34V 33 - 39V 43 - 49V VER VOLTAGE Shut down and latch off o/p voltage, re-power on to recover VER TEMPERATURE Shut down o/p voltage, re-power on to recover VER TEMPERATURE Shut down o/p voltage, recovers automatically after temperature goes down //ORKING TEMP. Tcase= 40 - 490°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section) //AX. CASE TEMP. Tcase= 40°C (ORKING HUMIDITY 20 - 95% RH //ORKING HUMIDITY 40 - 480°C, 10 - 95% RH (Down of the component (except for HG-240H C type); IEC/UL/BS //BAFETY STANDARDS BS EN/ENA/SIV2S 61347-2-13 independent (except for HG-240H C type); IEC/UL/BS //BS 15885(1or 48V only), EAC TP TC 004, KC61347-1, KC61347-2-13 (except for AB, C //ITHSTAND VOLTAGE I/P-0/P.3.75KVAC I/P-FG:12KVAC O/P-FG:1.5KVAC //ITHSTAND VOLTAGE I/P-0/P.1/P-FG.0/P-FG:1000 Ohms / 500VDC / 25°C / 70% RH MC EMISSION Compliance to BS EN/EN5015, BS EN/EN5032 (CISPR32) Class B, BS EN/EN50100 //IS EN/EN5010 244.2*68*38.8mm (L*W*H)(HLG-240H-Blank/A/B) 1.23Kg; 12pcs/15.8K/G1.14	VER VOLTAGE 13.5 - 18V 17.5 - 21.5V 23.5 - 27.5V 27 - 34V 33 - 39V 43 - 49V 48 - 54V VER TEMPERATURE Shut down and latch off o/p voltage, re-power on to recover VER TEMPERATURE Shut down and latch off o/p voltage, re-power on to recover VER TEMPERATURE Shut down and p voltage, recovers automatically after temperature goes down OCKING TEMP. Tcase= 490°C ORKING HUMDITY 20 - 95% RH non-condensing Tcase= 490°C VER COEFFICIENT ±0.03%/C (0 - 50°C) IBRATION 10 - 500Hz, 56 12min./1cycle, period for 72min.each along X, Y, Z axes UL1012, CAN/CSA-C22.2 No. 107.1-01, UL8750(type*HL*), CSA C22.2 No. 250.0-08; BS EN/EN/AS/R BERTY STANDARDS UL5705(GB1501.0, EB195101.148019510.14801947.14.1547.13(xecept for AB, C, D-type) approx ITHSTAND VOLTAGE I/P-O/P.3.75KVAC I/P-FG:100M Ohms / 500VDC / 25°C / 70% RH Mc EMISSION Compliance to BS ENVEN500532 (CISPR3) Class B, BS ENVEN5100.3-2.2 Class C Mc EMISSION Compliance to BS ENVEN5000.4-2.3, 4.5, 6.3, 11, BS ENVEN51547, BS ENVEN5524, light industry le Line-Eart M 4KV	VER VOLTAGE 13.5 - 18V 17.5 - 21.5V 23.5 - 27.5V 27 - 34V 33 - 39V 43 - 49V 48 - 54V 55 - 63V Shul down and latch off of yroltage, recovers outcomatically after temperature goes down ORKING TEMP. Tcase - 40 - +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section) IAX. CASE TEMP. Tcase - 40 - +90°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section) IAX. CASE TEMP. Tcase - 40°C ORKING HUMIDITY 20 - 95% RH IDR.OCEFFICIENT ±0.03%/C (0 - 50°C) IBRATION 10 - 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes IBRATION 10 - 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes UL1012, CAN/CSA-C22, 2No. 107.1-01, UL3750(type*HL*), CSA C22, 2No. 250.0-08; BS EN/EN/AS/NZS 61347-1, UL3750(tspe*HL*), CSA C22, 2No. 250.0-08; BS EN/EN/AS/NZS 61347-14 AFETY STANDARDS BS EN/EN/AS 014, CA: 10 dependent (except for AL37-2-13(except for B, AB and D-type BIS IS15885(for 48V only); EAC TP TC 004/KC61347-1, KC61347-2-13(except for B, AB and D-type BIS IS15885(for 48V only); EAC TP TC 004/KC61347-1, KC61347-2-13(except for AB, C, D-type) IMITHSTAND VOLTAGE							





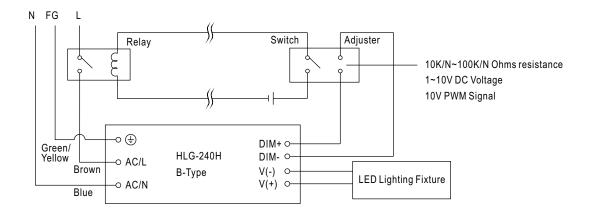






HLG-240H series

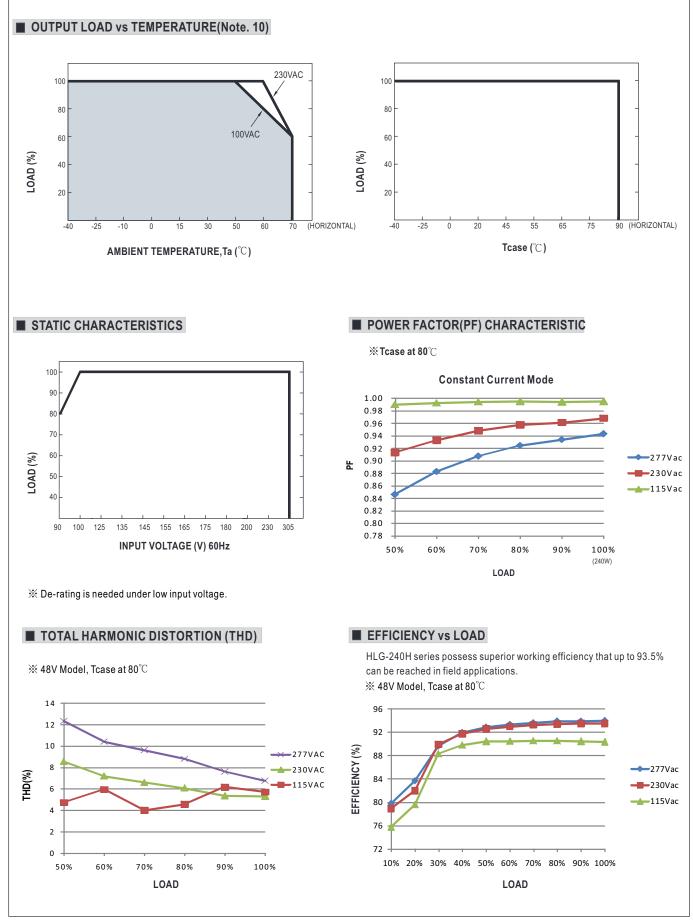
Note: In the case of turning the lighting fixture down to 0% brightness, please refer to the configuration as follow, or please contact MEAN WELL for other options.



Using a switch and relay can turn ON/OFF the lighting fixture.

File Name:HLG-240H-SPEC 2024-01-15

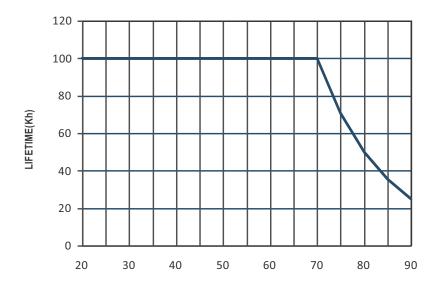






HLG-240H series

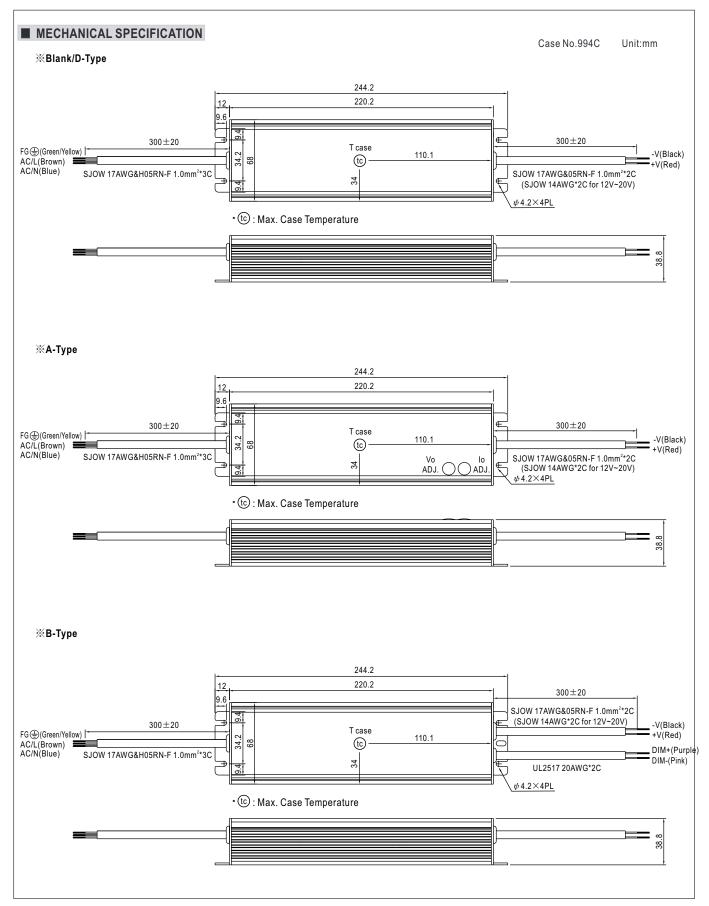
LIFE TIME



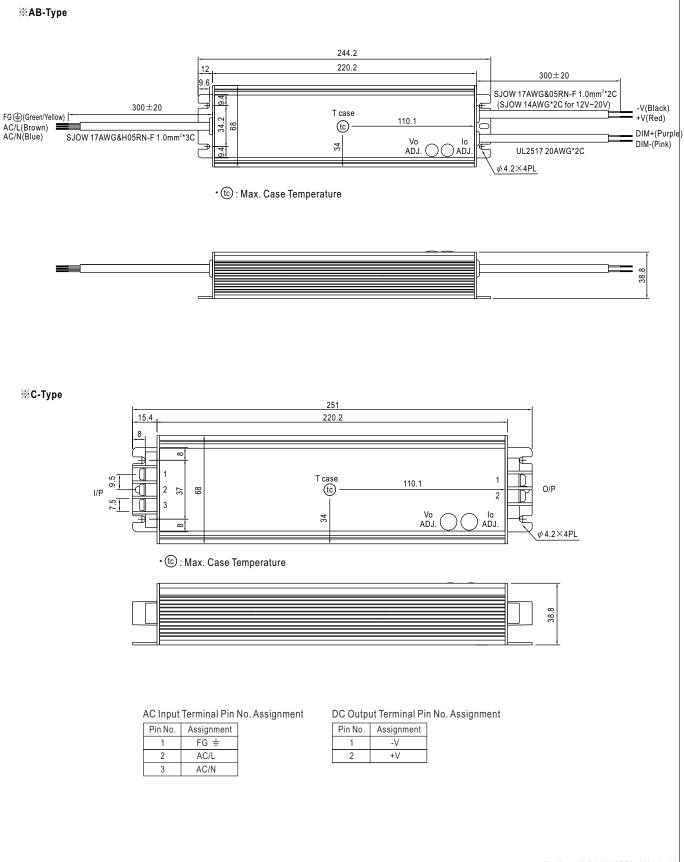
Tcase ($^\circ\!\mathrm{C}$)

File Name:HLG-240H-SPEC 2024-01-15











WATERPROOF CONNECTION

 $\divideontimes {\rm Waterproof\, connector}$

Waterproof connector can be assembled on the output cable of HLG-240H to operate in dry/wet/damp or outdoor environment.

