















Features

- Constant Voltage + Constant Current mode output
- Metal housing with class I design
- Standby power consumption <0.5W at remote off
- IP67 / IP65 rating for indoor or outdoor installations
- Function options: output adjustable via potentiometer; 3 in 1 dimming (dim-to-off)
- Typical lifetime > 62000 hours
- 7 years warranty

Applications

- · 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.

Description

HLG-600H series is a 600W AC/DC LED driver featuring the dual mode constant voltage and constant current output. HLG-600H operates from 90 ~ 305VAC and offers models with different rated voltage ranging between 12V and 54V. Thanks to the high efficiency up to 96%, with the fanless design, the entire series is able to operate for $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$ 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-600H is equipped with various function options, such as dimming methodologies, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding



Type	IP Level	Function	Note
Α	IP65	Io and Vo adjustable through built-in potentiometer	In Stock
В	IP67	3 in 1 dimming function (0~10VDC, 10V PWM signal and resistance)	In Stock
AB	IP65	Io and Vo adjustable through built-in potentiometer & 3 in 1 dimming function (0~10VDC,10V PWM signal and resistance)	In Stock
Blank	IP67	Io and Vo fixed	In Stock

HLG-600H series



600W Constant Voltage + Constant Current LED Driver

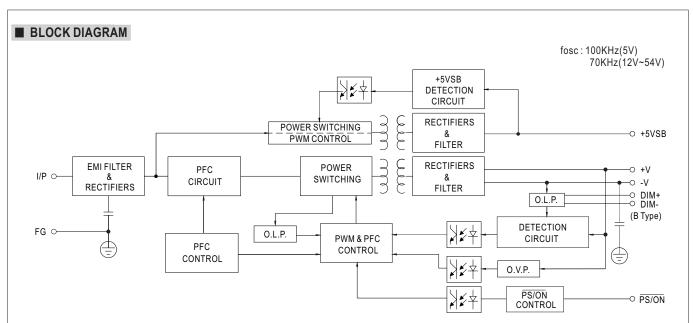
SPECIFICATION

			HLG-600H-12	HLG-600H-15	HLG-600H-20	HLG-600H-24	HLG-600H-30	HLG-600H-36	HLG-600H-42	HLG-600H-48	HLG-600H-54	
	DC VOLTAGE		12V	15V	20V	24V	30V	36V	42V	48V	54V	
ОИТРИТ	CONSTANT CURRENT	REGION Note.4	6~12V	7.5 ~ 15V	10 ~ 20V	12 ~ 24V	15 ~ 30V	18 ~ 36V	21 ~ 42V	24 ~ 48V	27 ~ 54V	
	RATED CURRENT		40A	36A	28A	25A	20A	16.7A	14.3A	12.5A	11.2A	
	RATED POWER		480W	540W	560W	600W	600W	601.2W	600.6W	600W	604.8W	
	RIPPLE & NOISE (max.) Note.2		150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	250mVp-p	250mVp-p	250mVp-p	350mVp-p	
									1 1		р т	
	VOLTAGE ADJ. RANGE		Adjustable for A-Type only (via built-in potentiometer)									
	CURRENT ADJ. RANGE		20 ~ 40A	18 ~ 36A		12.5 ~ 25A	10 20 4	0.2 - 16.71	7.1 ~ 14.3A	62-1254	E G - 11 2/	
	VOLTAGE TOLERANCE Note.3				14 ~ 28A		10 ~ 20A	8.3 ~ 16.7A ±1.0%		6.2 ~ 12.5A	5.6 ~ 11.24	
				±2.0%	±1.5%	±1.0%	±1.0%		±1.0%	±1.0%	±1.0%	
	LINE REGULATIO		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION		±2.0%	±1.5%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
			500ms, 80ms/ 115VAC, 230VAC									
-	VOLTAGE RANGE Note.5		15ms / 115VA	· ·								
			90 ~ 305VAC 127 ~ 431VDC (Please refer to "STATIC CHARACTERISTIC" section)									
	FREQUENCY RANGE		47 ~ 63Hz									
	POWER FACTOR (Typ.) TOTAL HARMONIC DISTORTION		PF≧0.98/115	SVAC, PF≧0.9	5/230VAC, PF	≥0.93/277VA	C @ full load					
			,		CTOR (PF) CH							
				-			75%/277VAC)					
		TO IALL IIA MANORIO DIOTORI I OR		to "TOTAL HA	RMONIC DIS	TORTION (TH	D)" section)					
INPUT	EFFICIENCY	230VAC	92%	93.5%	94.5%	95%	95%	95.5%	96%	96%	96%	
INFUI	(Typ.)	277VAC	92.5%	93.5%	94.5%	95%	95%	95.5%	96%	96%	96%	
	AC CURRENT (Ty	p.)	7A / 115VAC	3.3A / 230	OVAC 2.9	A / 277VAC						
	INRUSH CURRENT(Typ.)		COLD START	70A(twidth=100	0μs measured	at 50% Ipeak) a	t 230VAC; Per N	IEMA 410				
	MAX. No. of PSUs on 16A		COLD START 70A(twidth=1000µs measured at 50% Ipeak) at 230VAC; Per NEMA 410									
	CIRCUIT BREAKER		1 unit (circuit breaker of type B) / 2 units (circuit breaker of type C) at 230VAC									
	LEAKAGE CURRENT		<0.75mA/27	7VAC								
	STANDBY POWER CONSUMPTION		<0.5W at rem	ote off								
			95 ~ 108%									
	OVER CURRENT Note.4											
PROTECTION	SHORT CIRCUIT		Constant current limiting, recovers automatically after fault condition is removed									
	SHOKT CIRCUIT		Constant current limiting, recovers automatically after fault condition is removed 13 ~ 16V 16.5 ~ 20.5V 22 ~ 26V 26 ~ 30V 32.5 ~ 36.5V 39.5 ~ 43.5V 46 ~ 50V 52.5 ~ 56.5V 59 ~ 63V									
	OVER VOLTAGE											
	OVED TEMPEDATURE		Shut down o/p voltage, re-power on to recover									
	OVER TEMPERATURE			Shut down o/p voltage, re-power on to recover Power on: "High" >2 ~ 5V or Open circuit Power off: "Low" <0 ~ 0.5V or Short circuit								
		CONTROL	Dower on · "Hi	ah" >2 ~ 5\/ or (ow" <0 ~ 0.5\/ or	Short circuit				
FUNCTION	REMOTE ON/OFF	CONTROL		•	Open circuit	Power off: "Lo	ow" <0 ~ 0.5V or	Short circuit				
FUNCTION	5V STANDBY	CONTROL	5Vsв : 5V@0.5	iA ; tolerance ±	Open circuit 5%, ripple : 10	Power off: "Lo 0mVp-p(max.)						
FUNCTION	5V STANDBY WORKING TEMP.		5VsB:5V@0.5 Tcase=-40~	iA; tolerance ± +90°C (Pleas	Open circuit 5%, ripple : 10	Power off: "Lo 0mVp-p(max.)	ow" <0 ~ 0.5V or s TEMPERATU					
FUNCTION	5V STANDBY WORKING TEMP. MAX. CASE TEMP) _.	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°0	iA; tolerance ± +90°C (Pleas	Open circuit 5%, ripple : 10 e refer to "OU"	Power off: "Lo 0mVp-p(max.)						
	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID	o. ITY	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°0 20 ~ 95% RH	iA; tolerance ± +90°C (Pleas C non-condensir	Open circuit 5%, ripple : 10 e refer to "OU"	Power off : "Lo 0mVp-p(max.) TPUT LOAD v						
	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP.,	P. ITY HUMIDITY	5VsB:5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C,	A; tolerance ± +90°C (Pleas C non-condensir 10 ~ 95% RH n	Open circuit 5%, ripple : 10 e refer to "OU"	Power off : "Lo 0mVp-p(max.) TPUT LOAD v						
	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE	P. ITY HUMIDITY	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°0 20 ~ 95% RH	A; tolerance ± +90°C (Pleas C non-condensir 10 ~ 95% RH n	Open circuit 5%, ripple : 10 e refer to "OU"	Power off : "Lo 0mVp-p(max.) TPUT LOAD v						
	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP.,	P. ITY HUMIDITY	5VsB:5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, 5	A; tolerance \pm +90°C (Pleas c non-condensin 10 ~ 95% RH n 0 ~ 55°C) GG 12min./1cyc	Open circuit 5%, ripple:10 e refer to "OU" ng on-condensing	Power off: "Lo 0mVp-p(max.) TPUT LOAD v	s TEMPERATU	RE" section)				
	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE	P. ITY HUMIDITY	5VsB:5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, 5	A; tolerance \pm +90°C (Pleas c non-condensin 10 ~ 95% RH n 0 ~ 55°C) GG 12min./1cyc	Open circuit 5%, ripple:10 e refer to "OU" ng on-condensing	Power off: "Lo 0mVp-p(max.) TPUT LOAD v	s TEMPERATU	RE" section)	7-2-13 indeper	ndent, EN6238-	4,	
	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE	o. ITY HUMIDITY	5VsB:5V@0.5 Tcase=-40 ~ Tcase=+90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, 5 UL60950-1, L	A; tolerance ± +90°C (Pleas c non-condensin 10 ~ 95% RH n 0 ~ 55°C) GG 12min./1cyc JL8750(type"H	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing cle, period for "" ""), CSA C22.2	Power off: "Lo 0mVp-p(max.) TPUT LOAD v 3 72min. each al 1 No. 250.13-1:	ong X, Y, Z axe 2, ENEC EN61:	RE" section)		ndent, EN6238	4,	
	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION	o. ITY HUMIDITY	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°(20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, § UL60950-1, L IP65 or IP67,	A; tolerance ± +90°C (Pleas C non-condensir 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type"H J61347-1, J61	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing cle, period for "" ""), CSA C22.2	Power off: "Lo 0mVp-p(max.) TPUT LOAD v 3 72min. each al 2 No. 250.13-1: C GB4943.1, E.	ong X, Y, Z axe 2, ENEC EN61: AC TP TC 004,	RE" section)		ndent, EN62384	4,	
ENVIRONMENT	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION	P. ITY HUMIDITY ENT RDS Note.7	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, § UL60950-1, L IP65 or IP67, KC61347-1, k	A; tolerance ± +90°C (Pleas - non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type"H J61347-1, J61 (C661347-2-13(Open circuit 5%, ripple: 10 e refer to "OU" ng on-condensing cle, period for L"), CSA C22.2 347-2-13, CCC	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 3 72min. each al 2 No. 250.13-1: C GB4943.1, E 3A,54A only) a	ong X, Y, Z axe 2, ENEC EN61: AC TP TC 004, pproved	RE" section)		ndent, EN62384	4,	
ENVIRONMENT	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI	P. ITY HUMIDITY NT RDS Note.7	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, § UL60950-1, L IP65 or IP67, KC61347-1, ¥ I/P-O/P:3.75	(A; tolerance ± +90°C (Pleas C) non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13(KVAC I/P-Fi	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing cle, period for L"), CSA C22.2 347-2-13, CCC for 24A,36A,44	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 0 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,54A only) a /P-FG:1.5KVA	ong X, Y, Z axe 2, ENEC EN61: AC TP TC 004, pproved	RE" section)		ndent, EN62384	4,	
ENVIRONMENT	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS	P. HUMIDITY ENT RDS Note.7	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, § UL60950-1, L IP65 or IP67, KC61347-1, I/P-0/P:3.75	A; tolerance ± +90°C (Pleas non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13) KVAC I/P-Fr -G, O/P-FG:10	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing cle, period for 7 L"), CSA C22.2 347-2-13, CCC for 24A,36A,4t G:2KVAC O 00M Ohms / 50	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 3 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,54A only) a /P-FG:1.5KVA	ong X, Y, Z axe 2, ENEC EN61: AC TP TC 004, pproved	RE" section) S 347-1, EN6134 AS/NZS 60950).1(by CB),			
ENVIRONMENT SAFETY & EMC	5V STANDBY WORKING TEMP. MAX. CASE TEMF WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI	P. ITY HUMIDITY NT RDS Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to	A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13(KVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing cle, period for 7 L"), CSA C22.2 347-2-13, CCC for 24A,36A,4t G:2KVAC O 00M Ohms / 50	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 0 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,544 only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E	ong X, Y, Z axe 2, ENEC EN61: AC TP TC 004, pproved IC 70% RH	RE" section) S 347-1, EN6134 AS/NZS 60950).1(by CB),			
ENVIRONMENT SAFETY & EMC	5V STANDBY WORKING TEMP. MAX. CASE TEMF WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS	P. HUMIDITY ENT RDS Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-E Compliance to KC KN15, KN	A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type*H J61347-1, J61 (C61347-2-13(KVAC I/P-Fi- G, O/P-FG:11 0 EN55032 (CI 61547(for 24A	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing cle, period for 1 L"), CSA C22.2 347-2-13, CCC for 24A,36A,44 G:2KVAC O 00M Ohms / 50 SPR32) Class ,36A,48A,54A	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1: C GB4943.1, E. BA,544 only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E	ong X, Y, Z axe 2, ENEC EN61: AC TP TC 004, pproved IC 70% RH EN61000-3-2 C	RE" section) 8 847-1, EN6134 AS/NZS 60950	0.1(by CB), 1≥50%) ; EN6	1000-3-3, EAC	TP TC 020;	
ENVIRONMENT SAFETY & EMC	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS	P. HUMIDITY ENT RDS Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-E Compliance to KC KN15, KN Compliance to	A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type*H J61347-1, J61 (C61347-2-13(KVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing ble, period for 1 L"), CSA C22.2 347-2-13, CCC for 24A,36A,44 G:2KVAC 0 00M Ohms / 50 SPR32) Class ,36A,48A,54A ,3,4,5,6,8,11, 1	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each all 2 No. 250.13-1: C GB4943.1, E. 8A,544 only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C	RE" section) 8 847-1, EN6134 AS/NZS 60950	0.1(by CB), 1≥50%) ; EN6	1000-3-3, EAC	TP TC 020;	
ENVIRONMENT SAFETY & EMC	5V STANDBY WORKING TEMP. MAX. CASE TEMF WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY	P. HUMIDITY ENT RDS Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$2 UL60950-1, L IP65 or IP67, KC61347-1, \$8 I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0	iA; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type*H J61347-1, J61 KC61347-2-13(KVAC I/P-Fi G, O/P-FG:11 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I	Dpen circuit 5%, ripple: 10 e refer to "OU" 19 10 10 10 10 10 10 10 10 10 10 10 10 10	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each all 2 No. 250.13-1: C GB4943.1, E. 8A,544 only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C	RE" section) 8 847-1, EN6134 AS/NZS 60950	0.1(by CB), 1≥50%) ; EN6	1000-3-3, EAC	TP TC 020;	
ENVIRONMENT SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF	P. HUMIDITY ENT RDS Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-E Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir	A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type*H J61347-1, J61 4C61347-2-13(KVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBi	Open circuit 5%, ripple: 10 e refer to "OU" ng ion-condensing ble, period for 1 L"), CSA C22.2 347-2-13, CCC for 24A,36A,44 G:2KVAC 0 00M Ohms / 50 SPR32) Class ,36A,48A,54A ,3,4,5,6,8,11, 1	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each all 2 No. 250.13-1: C GB4943.1, E. 8A,544 only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C	RE" section) 8 847-1, EN6134 AS/NZS 60950	0.1(by CB), 1≥50%) ; EN6	1000-3-3, EAC	TP TC 020;	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION	P. HUMIDITY ENT RDS Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-E Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5	iA; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) iG 12min./1cyc JL8750(type"H J61347-1, J61 KVAC I/P-Fi -G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBI imm (L*W*H)	Dpen circuit 5%, ripple: 10 e refer to "OU" 19 10 10 10 10 10 10 10 10 10 10 10 10 10	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each all 2 No. 250.13-1: C GB4943.1, E. 8A,544 only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C	RE" section) 8 847-1, EN6134 AS/NZS 60950	0.1(by CB), 1≥50%) ; EN6	1000-3-3, EAC	TP TC 020;	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	P. HUMIDITY HOMIDITY RDS Note.7 TAGE STANCE Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-E Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1	A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13(KVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBI imm (L*W*H) 6.6Kg/0.9CUF	Dpen circuit 5%, ripple: 10 e refer to "OU" 19 10 10 10 10 10 10 10 10 10 10 10 10 10	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,544 only) a 7P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 44,364,484,54	ong X, Y, Z axe 2, ENEC EN61: AC TP TC 004, pproved IC 70% RH EN61000-3-2 C	RE" section) S 347-1, EN6134 AS/NZS 60950 lass C (@ load	.1(by CB), i≥50%); EN6	1000-3-3, EAC	TP TC 020;	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMF WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters	P. ITY HUMIDITY INT RDS Note.7 TAGE STANCE Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, § UL60950-1, L IP65 or IP67, KC61347-1, P I/P-O/P:3.75 I/P-O/P, I/P-E Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1	iA; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH n 0 ~ 55°C) 6G 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13) KVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBH imm (L*W*H) 6.6Kg/0.9CUF are measured	Dpen circuit 5%, ripple: 10 e refer to "OU" 19 1000-condensing 1010-condensing 1010-con	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 0 72min. each al 12 No. 250.13-1. C GB4943.1, E. 3A,544 only) a //P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C	RE" section) S 347-1, EN6134 AS/NZS 60950 lass C (@ load istry level (surg	.1(by CB), ≥50%); EN6 ge immunity Lir	1000-3-3, EAC ne-Earth 4KV, L	TP TC 020;	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	P. ITY HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1	iA; tolerance ± +90°C (Pleas - +90°C (Pleas	Dpen circuit 5%, ripple: 10 e refer to "OU" 19 100n-condensing 101cle, period for 7 L"), CSA C22.2 347-2-13, CCC 150r 24A,36A,44 150:2KVAC O 100M Ohms / 50 SPR32) Class 36A,48A,54A 2,3,4,5,6,8,11,1 KN61547(for 24 KN61547(for 24 C-217F (25°C) T at 230VAC inp	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 3 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,54A only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C	RE" section) S 347-1, EN6134 AS/NZS 60950 lass C (@ load istry level (surg	.1(by CB), ≥50%); EN6 ge immunity Lir	1000-3-3, EAC ne-Earth 4KV, L	TP TC 020;	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMF WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise	P. ITY HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, 5 UL60950-1, L IP65 or IP67, KC61347-1, H I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 by mentioned a ded at 20MHz o tolerance, line	iA; tolerance ± +90°C (Pleas connon-condensin 10 ~ 95% RH n 0 ~ 55°C) iG 12min./1cyc jL8750(type"H J61347-1, J61 (C61347-2-13) KVAC I/P-Fr G, O/P-FG:10 to EN55032 (CI 61547(for 24A to EN61000-4-2 20; KC KN15, I to MIL-HDBH timm (L*W*H) 6.6Kg/0.9CUF tare measured of bandwidth by regulation and	Open circuit 5%, ripple: 10 e refer to "OU" 19 100n-condensing 101cle, period for 12 11"), CSA C22.2 347-2-13, CCC 1347-2-13, CCC 150r 24A,36A,44 150r 34A-36A,44 150	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 3 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,54A only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C	RE" section) S 347-1, EN6134 AS/NZS 60950 lass C (@ load istry level (surg	.1(by CB), ≥50%); EN6 ge immunity Lir	1000-3-3, EAC ne-Earth 4KV, L	TP TC 020;	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance: incidents	P. ITY HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, ξ UL60950-1, L IP65 or IP67, KC61347-1, k I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0. 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 by mentioned a ded at 20MHz o tolerance, line METHODS OF	iA; tolerance ± +90°C (Pleas -+90°C (Pleas	Open circuit 5%, ripple: 10 e refer to "OU" 19 1000-condensing 1010-condensing 1011-condensing 1012-condensing 1013-condensing 1014-condensing 1015-condensing 1016-condensing 1016-con	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1: C GB4943.1, E 3A,54A only) a /P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54	ong X, Y, Z axe- 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C 55024, light indu 4A only)	RE" section) s 347-1, EN6134 AS/NZS 60950 lass C (@ load stry level (surg	0.1(by CB), i≥50%); EN6 ge immunity Lir perature. 7uf parallel ca	1000-3-3, EAC ne-Earth 4KV, L	TP TC 020;	
SAFETY & EMC (Note 10)	SV STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance: incid 4. Please refer to	NOT special are measure ludes set up "DRIVING Note needed u	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°(20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, § UL60950-1, L IP65 or IP67, KC61347-1, k I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 ly mentioned a ad at 20MHz o tolerance, line METHODS OF nder low input	A; tolerance ± +90°C (Pleas conon-condensir 10 ~ 95% RH m 0 ~ 55°C) GG 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13) (KVAC I/P-Fi GG, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBI 2. MIL-HDBI 3. MIL-HDBI 3. MIL-HDBI 4. MIL-HDBI 4	Open circuit 5%, ripple: 10 e refer to "OU" generated to "OU" cle, period for 1", CSA C22.2 347-2-13, CCC for 24A,36A,44 G:2KVAC 0,00M Ohms / 50 SPR32) Class 36A,48A,54A 2,3,4,5,6,8,11,1 KN61547(for 24 C-217F (25°C) T at 230VAC inproved to a 12" to did	Power off: "Lu OmVp-p(max.) TPUT LOAD v 72min. each all R No. 250.13-1: C GB4943.1, E. BA,54A only) a R/P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E Only) EN61547, EN5 4A,36A,48A,54 But, rated curre wisted pair-wir on.	ong X, Y, Z axe: 2, ENEC EN61; AC TP TC 004, pproved AC EN61000-3-2 C 55024, light industation in the control of the control o	RE" section) s 347-1, EN6134 AS/NZS 60950 lass C (@ load stry level (surg	.1(by CB), ≥50%); EN6 ge immunity Lir perature. 7uf parallel ca	1000-3-3, EAC ne-Earth 4KV, L	TP TC 020;	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : inci 4. Please refer to 5. De-rating may	NOT specia are measure ludes set up "DRIVING N be needed up time is me	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, 5 UL60950-1, L IP65 or IP67, KC61347-1, P I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0. 76.9K hrs mir 280°144°48.5 3.9Kg; 4pcs/1 by mentioned a det at 20MHz o tolerance, line IETHODS OF Inder low input asured at first	iA; tolerance ± +90°C (Pleas conon-condensir 10 ~ 95% RH m 0 ~ 55°C) iG 12min./1cyc jL8750(type"H J61347-1, J61 (C61347-2-13(kVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 0 MIL-HDBH imm (L*W*H) 6.6Kg/0.9CUF are measured f bandwidth by regulation and LED MODULI voltages. Pleac cold start. Turn	Open circuit 5%, ripple: 10 e refer to "OU" 19 e refer to "OU" 19 ele, period for 1 1"), CSA C22.2 347-2-13, CCC 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Power off: "Lu OmVp-p(max.) TPUT LOAD v T	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved C 70% RH EN61000-3-2 C 55024, light indu A only) ent and 25°C of e terminated w	RE" section) 8 847-1, EN6134 AS/NZS 60950 lass C (@ load istry level (surg f ambient temp ith a 0.1uf & 4	D.1(by CB), i≥50%); EN6 ge immunity Lir coerature. 7uf parallel cal tails. p time.	ne-Earth 4KV, L	TP TC 020; ine-Line 2K	
SAFETY & EMC (Note 10)	5V STANDBY WORKING TEMP. MAX. CASE TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance: inci 4. Please refer to 5. De-rating may 6. Length of set u	NOT specia are measure ludes set up "DRIVING Me lided for CCCC	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= -40 ~ Tcase= -90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, P I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 Iy mentioned a dat at 20MHz o dat 20MHz o dat 20MHz o folerance, line METHODS OF Inder low input assured at first C(GB19510.14,	iA; tolerance ± +90°C (Pleas C non-condensir 10 ~ 95% RH m 0 ~ 55°C) iG 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13(KVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBł imm (L*W*H) 6.6Kg/0.9CUF are measured by regulation and LED MODULI voltages. Plea cold start. Tur GB19510.1, 0	Open circuit 5%, ripple: 10 e refer to "OU" 19 e refer to "OU" 10 e refer to "OU" 11 e refer to "OU" 11 e refer to "OU" 12 e refer to "S" 13 e refer to "S" 14 e refer to "S" 15 e refer to "S" 16 e refer to "S" 17 e refer to "S" 17 e refer to "S" 18 e refer t	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1: C GB4943.1, E. 8A,544 only) a /P-FG:1.5KVA 00VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54 Dut, rated curre wisted pair-wir on. TATIC CHARA the driver may GB17625.1) is	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC R01000-3-2 C 65024, light indu A only) ent and 25°C c e terminated w	RE" section) 8 847-1, EN6134 AS/NZS 60950 lass C (@ load istry level (surg f ambient tempith a 0.1uf & 4	D.1(by CB), ≥50%); EN6 ge immunity Lir Derature. Tuf parallel call tails. p time. contact MEAN	ne-Earth 4KV, L	TP TC 020; ine-Line 2K	
ENVIRONMENT SAFETY & EMC (Note 10)	SV STANDBY WORKING TEMP. MAX. CASE TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance: inci 4. Please refer to 5. De-rating may if 6. Length of set u 7. The model cert 8. This series mee 9. Please refer to	NOT special are measure ludes set up promise in the typical the warranty.	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 Iy mentioned a ad at 20MHz o tolerance, line METHODS OF M	iA; tolerance ± +90°C (Pleas conon-condensin 10 ~ 95% RH m 0 ~ 55°C) iG 12min./1cyc JL8750(type"H J61347-1, J61 (C61347-2-13(KVAC I/P-Fi G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBI imm (L*W*H) 6.6Kg/0.9CUF are measured of bandwidth by regulation and LED MODULL LED MODULL LED MODULL LED MODULL LED MODULL CONTROL	Open circuit 5%, ripple: 10 e refer to "OU" 19 e refer to "OU" 19 e refer to "OU" 10 e refer to "OU" 10 e refer to "OU" 10 e refer to "OU" 11 e refer to "OU" 12 e refer to "OU" 13 e refer to "OU" 14 e refer to "S" 15 e refer to "S" 16 e refer to "S" 17 e refer to "S" 18 e refer to "S" 28 e refer to "S	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,544 only) a 7P-FG:1.5KVA 0VDC / 25°C/ B, EN55015, E 0nly) EN61547, EN5 4A,36A,48A,54 TATIC CHARA the driver may GB17625.1) is ation when Tc ttp://www.mea	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C 65024, light indu HA only) ent and 25°C c e terminated w ACTERISTIC" s lead to increas s an optional m ase, particularly nwell.com	RE" section) S 347-1, EN6134 AS/NZS 60950 llass C (@ load istry level (surg f ambient temp ith a 0.1uf & 4 sections for de se of the set upodel . Please e f (© point (or	D.1(by CB), ≥50%); EN6 ge immunity Lir perature. Tuf parallel call tails. p time. contact MEAN TMP, per DLC	pacitor. WELL for details, is about 75%	TPTC 020; ine-Line 2K	
SAFETY & EMC (Note 10)	SV STANDBY WORKING TEMP. MAX. CASE TEMP WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance: inci 4. Please refer to 5. De-rating may incident of the company of the c	NOT special are measure ludes set up time is me tiffed for CCC ets the typica the warranty considered a	5Vsa: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, § UL60950-1, L IP65 or IP67, KC61347-1, P I/P-O/P:3.75 I/P-O/P, I/P-E Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 Ily mentioned a ad at 20MHz o tolerance, line METHODS OF inder one of the component of the component will be seen to component will	iA; tolerance ± +90°C (Pleas - +90°C (Pleas	Open circuit 5%, ripple: 10 e refer to "OU" 19 e refer to "OU" 19 e refer to "OU" 19 e refer to "OU" 10 e refer to "OU" 10 e refer to "OU" 11 e refer to "OU" 12 e refer to "OU" 13 e refer to "OU" 14 e refer to "S" 15 e refer to "S" 16 e refer to "S" 17 e rusing a 12" to do a firm of the control of the contr	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1. C GB4943.1, E. 3A,544 only) a //P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54 Lut, rated curre wisted pair-wir on. FATIC CHARA the driver may GB17625.1) is ation when Tc ttp://www.mea nal equipment.	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC 70% RH EN61000-3-2 C 65024, light indu AACTERISTIC": s a an optional m asse, particularly inwell.com All the EMC te	RE" section) S 347-1, EN6134 AS/NZS 60950 llass C (@ load listry level (surg f ambient temp ith a 0.1uf & 4 sections for de se of the set u odel . Please e (c) point (or easts are been o	D.1(by CB), ≥50%); EN6 ≥50%); EN6 eimmunity Lir perature. ruf parallel call ruf parallel c	pacitor. WELL for details, is about 75% to outling the united to the continuous of the united to the continuous of the united to the continuous of the united to the unit	TP TC 020; ine-Line 2K' ails. C or less.	
SAFETY & EMC (Note 10)	SV STANDBY WORKING TEMP. MAX. CASE TEMF WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance: inci 4. Please refer to 5. De-rating may 16. Length of set ur 7. The model cert 8. This series mee 9. Please refer to 10. The driver is consecuted in the series of the series	NOT special are measure ludes set up "DRIVING Note is me tiffed for CCC ets the typical the warranty considered and metal plate.	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, L IP65 or IP67, KC61347-1, \$ I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 Illy mentioned a and at 20MHz or tolerance, line METHODS OF nasured at first 2(GB19510.14, al life expectan statement on component wite with 1mm of	iA; tolerance ± +90°C (Pleas - +90°C (Pleas	Open circuit 5%, ripple: 10 e refer to "OU" 19 100n-condensing 10le, period for 1 11, CSA C22.2 1347-2-13, CCC 150r 24A,36A,44 150: 2KVAC O 100M Ohms / 50 150: SPR32) Class 136A,48A,54A 12,3,4,5,6,8,11,1 150: KN61547(for 24 150: C-217F (25°C) T 150: Tat 230VAC inpression at 12" to 150	Power off: "Lu OmVp-p(max.) TPUT LOAD v T	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC EN61000-3-2 C 55024, light indu AA only) ent and 25°C of e terminated w ACTERISTIC": lead to increase a an optional m ase, particularly newell.com All the EMC te e-confirmed tha	RE" section) S 347-1, EN6134 AS/NZS 60950 llass C (@ load stry level (surgent) f ambient tempith a 0.1uf & 4 sections for detections for de	Derature. 7uf parallel captails. p time. contact MEAN TMP, per DLC executed by m EMC directives	pacitor. WELL for det.), is about 75 to counting the uris. For guidance	TPTC 020; ine-Line 2K ails. C or less.	
SAFETY & EMC (Note 10)	SV STANDBY WORKING TEMP. MAX. CASE TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : incl 4. Please refer to 5. De-rating may if 6. Length of set u 7. The model cert 8. This series mee 9. Please refer to 10. The driver is of 360mm*360m perform these	NOT special are measure ludes set up "DRIVING Note are to the warranty considered a m metal plate EMC tests,	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, 5 UL60950-1, L IP65 or IP67, KC61347-1, k I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 0 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 by mentioned a ad at 20MHz o tolerance, line AETHODS OF nder low input if the component with the with 1 mm of please refer to	iA; tolerance ± +90°C (Pleas -y0°C (Pleas -y	Open circuit 5%, ripple: 10 e refer to "OU" 19 100n-condensing 101n-condensing 102n-condensing 102n-condensing 103n-condensing 103n-con	Power off: "Lu 0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1: C GB4943.1, E 3A,54A only) a //P-FG:1.5KV/A 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54 but, rated curre wisted pair-wir on. TATIC CHAR/ the driver mon. TATIC CHAR/ the driver mon.	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC TOW RH EN61000-3-2 C 15024, light indu tA only) ACTERISTIC" s a lead to increas a an optional m ase, particularly inwell.com All the EMC te e-confirmed tha s." (as available	RE" section) S 347-1, EN6134 AS/NZS 60950 lass C (@ load lass C (@ load lasty level (surg f ambient tempith a 0.1uf & 4 sections for detections for detect	Derature. 7uf parallel captime. contact MEAN TMP, per DLC executed by m EMC directives v.meanwell.com	pacitor. WELL for details, is about 75% incoming the units. For guidance m)	TP TC 020; ine-Line 2K'	
SAFETY & EMC (Note 10)	WORKING TEMP. MAX. CASE TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : incl 4. Please refer to 5. De-rating may if 6. Length of set u 7. The model cert 8. This series mee 9. Please refer to 10. The driver is c 360mm*360m perform these 11. The ambient if	NOT special are measure ludes set up time is me tiffed for CCC ets the warranty considered a m metal plate EMC tests, temperature	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, U IP65 or IP67, KC61347-1, # I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 00 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 by mentioned a dat 20MHz o tolerance, line AETHODS OF nder low input assured at first assured at first all life expectan or statement on component will de with 1mm of please refer to derating of 3.5	iA; tolerance ± +90°C (Pleas non-condensin 10 ~ 95% RH n 0 ~ 55°C) iG 12min./1cyc jL8750(type"H J61347-1, J61 (C61347-2-13) KVAC I/P-Fi -G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBh imm (L*W*H) 6.6Kg/0.9CUF are measured of bandwidth by regulation and LED MODULI voltages. Plea cold start. Turn GB19510.1, (Cy of >62,000 MEAN WELL' nich will be ins if thickness. Th "EMI testing of "C/1000m with"	Open circuit 5%, ripple: 10 e refer to "OU" 19 e refer to "OU" 10 e refer to "OU" 11 e refer to "OU" 11 e refer to "OU" 12 e refer to "A, 36A, 44 e refer to "A, 36A, 44 e refer to "S" 15 e refer to "S" 16 e refer to "S" 17 e rusing a 12" to dad regulation 17 e rusing oN/OFF to a 12" 18 e refer to "S" 19 e rusing on to a 12" 19 e rusing on to a 12" 10 e ru	Power off: "Lu OmVp-p(max.) TPUT LOAD v 72min. each all R No. 250.13-1: C GB4943.1, E. BA,54A only) a R/P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54 Lut, rated curre wisted pair-wir on. FATIC CHARA the driver may GB17625.1) is attion when Tot ttp://www.mea hal equipment. ent must be re power supplie els and of 5°C/	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC FN61000-3-2 C FN	RE" section) S S S47-1, EN6134 AS/NZS 60950 lass C (@ load lastry level (surg f ambient tempith a 0.1uf & 4 sections for de sections for de sections for de the set upon to	Derature. 7uf parallel captails. p time. contact MEAN TMP, per DLC executed by m EMC directives v.meanwell.coperating altitude	pacitor. WELL for details, is about 75% incoming the units. For guidance m)	TP TC 020; ine-Line 2K\ ails. C or less. iit on a e on how to	
SAFETY & EMC (Note 10)	SV STANDBY WORKING TEMP. MAX. CASE TEMP. MAX. CASE TEMP. WORKING HUMID STORAGE TEMP., TEMP. COEFFICIE VIBRATION SAFETY STANDAI WITHSTAND VOLT ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : incl 4. Please refer to 5. De-rating may if 6. Length of set u 7. The model cert 8. This series mee 9. Please refer to 10. The driver is of 360mm*360m perform these	NOT special are measure ludes set up time is me tiffed for CCC ets the warranty considered a m metal plate EMC tests, temperature	5VsB: 5V@0.5 Tcase= -40 ~ Tcase= +90°C 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C (10 ~ 500Hz, \$ UL60950-1, U IP65 or IP67, KC61347-1, # I/P-O/P:3.75 I/P-O/P, I/P-F Compliance to KC KN15, KN Compliance to EAC TP TC 00 76.9K hrs mir 280*144*48.5 3.9Kg; 4pcs/1 by mentioned a dat 20MHz o tolerance, line AETHODS OF nder low input assured at first assured at first all life expectan or statement on component will de with 1mm of please refer to derating of 3.5	iA; tolerance ± +90°C (Pleas non-condensin 10 ~ 95% RH n 0 ~ 55°C) iG 12min./1cyc jL8750(type"H J61347-1, J61 (C61347-2-13) KVAC I/P-Fi -G, O/P-FG:10 0 EN55032 (CI 61547(for 24A 0 EN61000-4-2 20; KC KN15, I 1. MIL-HDBh imm (L*W*H) 6.6Kg/0.9CUF are measured of bandwidth by regulation and LED MODULI voltages. Plea cold start. Turn GB19510.1, (Cy of >62,000 MEAN WELL' nich will be ins if thickness. Th "EMI testing of "C/1000m with"	Open circuit 5%, ripple: 10 e refer to "OU" 19 e refer to "OU" 10 e refer to "OU" 11 e refer to "OU" 11 e refer to "OU" 12 e refer to "A, 36A, 44 e refer to "A, 36A, 44 e refer to "S" 15 e refer to "S" 16 e refer to "S" 17 e rusing a 12" to dad regulation 17 e rusing oN/OFF to a 12" 18 e refer to "S" 19 e rusing on to a 12" 19 e rusing on to a 12" 10 e ru	Power off: "Lu OmVp-p(max.) TPUT LOAD v 72min. each all R No. 250.13-1: C GB4943.1, E. BA,54A only) a R/P-FG:1.5KVA 10VDC / 25°C/ B, EN55015, E only) EN61547, EN5 4A,36A,48A,54 Lut, rated curre wisted pair-wir on. FATIC CHARA the driver may GB17625.1) is attion when Tot ttp://www.mea hal equipment. ent must be re power supplie els and of 5°C/	ong X, Y, Z axe: 2, ENEC EN61: AC TP TC 004, pproved AC FN61000-3-2 C FN	RE" section) S S S47-1, EN6134 AS/NZS 60950 lass C (@ load lastry level (surg f ambient tempith a 0.1uf & 4 sections for de sections for de sections for de the set upon to	Derature. 7uf parallel captails. p time. contact MEAN TMP, per DLC executed by m EMC directives v.meanwell.coperating altitude	pacitor. WELL for details, is about 75% incoming the units. For guidance m)	TPTC ine-Lin ine-Lin c or les	

https://www.meanwell.com/Upload/PDF/LED_EN.pdf

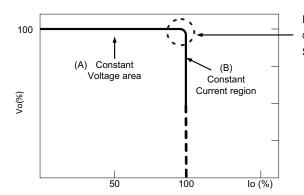


HLG-600H series



■ DRIVING METHODS OF LED MODULE

X This series is able to work in either Constant Current mode (a direct drive way) or Constant Voltage mode (usually through additional DC/DC driver) to drive the LEDs.



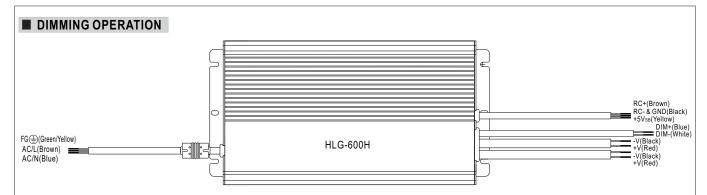
Typical output current normalized by rated current (%)

In the constant current region, the highest voltage at the output of the driver depends on the configuration of the end systems.

Should there be any compatibility issues, please contact MEAN WELL.

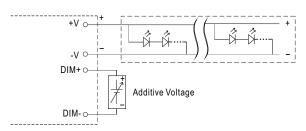


HLG-600H series



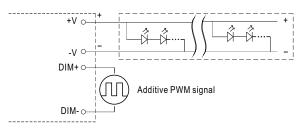
imes 3 in 1 dimming function (for B-Type)

- Output constant current level can be adjusted by applying one of the three methodologies between DIM+ and DIM-:
 0 ~ 10VDC, or 10V PWM signal or resistance.
- Direct connecting to LEDs is suggested. It is not suitable to be used with additional drivers.
- Dimming source current from power supply: $100\mu A$ (typ.)
- O Applying additive 0 ~ 10VDC



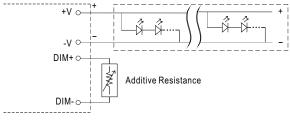
"DO NOT connect "DIM- to -V"

O Applying additive 10V PWM signal (frequency range 100Hz ~ 3KHz):

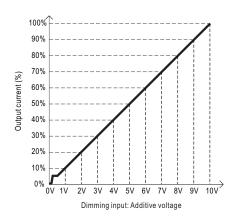


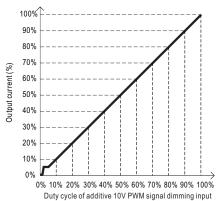
"DO NOT connect "DIM- to -V"

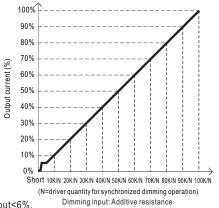
O Applying additive resistance:



"DO NOT connect "DIM- to -V"





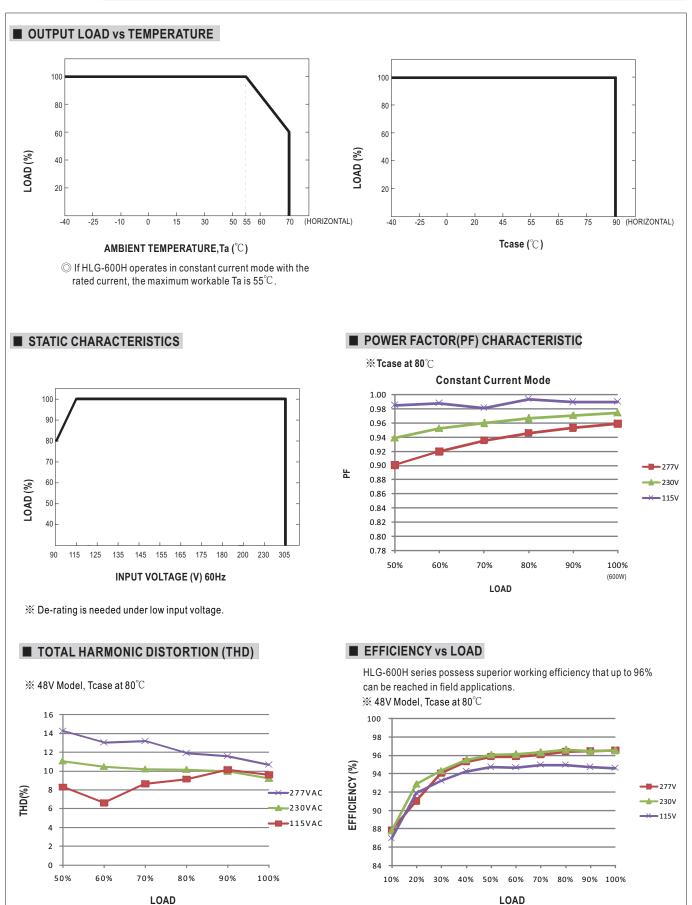


Note: 1. Min. dimming level is about 6% and the output current is not defined when 0% < Iout < 6%.

2. The output current could drop down to 0% when dimming input is about 0kΩ or 0Vdc, or 10V PWM signal with 0% duty cycle.

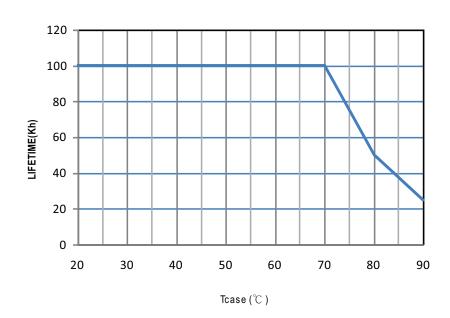


HLG-600H series



HLG-600H series

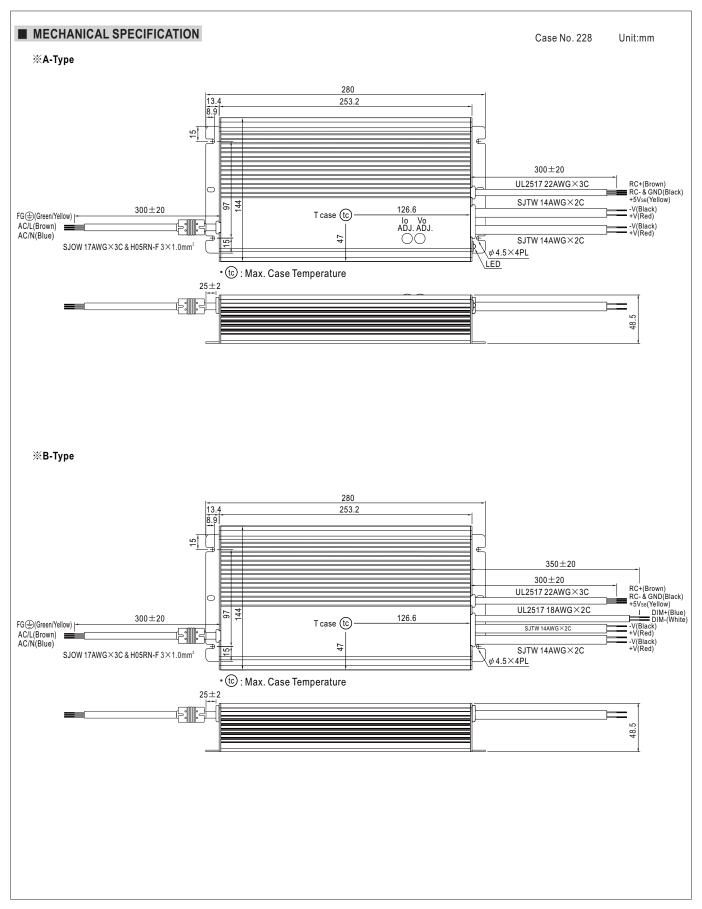
■ LIFETIME







HLG-600H series







HLG-600H series

