

600W Constant Voltage + Constant Current LED Driver **HLG-600H** series







#### Features

- Constant Voltage + Constant Current mode output
- Metal housing with class  ${\mathbb I}$  design
- Standby power consumption <0.5W at remote off</li>
- 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.

#### GTIN CODE

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

#### 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  $-40^{\circ}$ 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-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

HL	_G -	600	)H -	15	Α	
		1		T		

Function options
 Rated output voltage (12V/15V/20V/24V/30V/36V/42V/48V/54V)
 Rated wattage
 Series name

Туре	IP Level	Function	Note
A	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



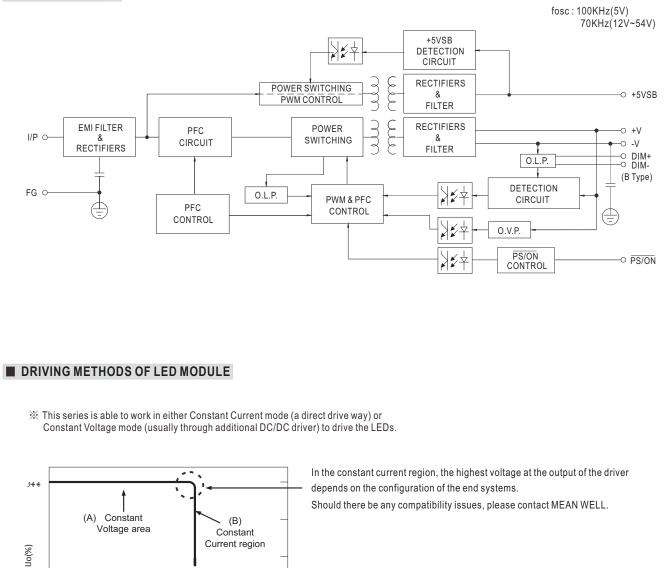
#### SPECIFICATION

MODEL			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
	CONSTANT CURREN	REGION Note.4	6~12V	7.5 ~ 15V	10 ~ 20V	12 ~ 24V	15 ~ 30V	18 ~ 36V	21 ~ 42V	24 ~ 48V	27 ~ 54V
	RATED CURREN	Г	40A	36A	28A	25A	20A	16.7A	14.3A	12.5A	11.2A
OUTPUT	RATED POWER		480W	540W	560W	600W	600W	601.2W	600.6W	600W	604.8W
	<b>RIPPLE &amp; NOISE</b>	(max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	250mVp-p	250mVp-p	250mVp-p	350mVp-p
		. ,		r A-Type only	(via built-in po						
	VOLTAGE ADJ. RANGE		10.2 ~ 12.6V 12.7 ~ 15.8V 17 ~ 21V 20.4 ~ 25.2V 25.5 ~ 31.5V 30.6 ~ 37.8V 35.7 ~ 44.1V 40.8 ~ 50.4V 45.9 ~ 56.7V								
				r A-Type only	1	1					
	CURRENT ADJ. RANGE		20 ~ 40A	18~36A	14 ~ 28A	12.5 ~ 25A	10~20A	8.3 ~ 16.7A	7.1 ~ 14.3A	6.2 ~ 12.5A	5.6 ~ 11.2A
	VOLTAGE TOLERANCE Note.3			±2.0%	±1.5%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATIO		$\pm 0.5\%$	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
						-		-	±0.5%		-
	LOAD REGULATI	-	±2.0%	±1.5%	±1.0%	±0.5%	±0.5%	±0.5%	土0.5%	±0.5%	±0.5%
				/ 115VAC, 230	VAC						
	HOLD UP TIME (T	ур.)	15ms / 115VA	C, 230VAC							
	VOLTAGE RANGI	E Note.5	90 ~ 305VAC	127 ~ 43							
	TOENTOE IVITO		(Please refer	to "STATIC CH	ARACTERIST	IC" section)					
	FREQUENCY RA	NGE	47 ~ 63Hz								
		(T	PF≧0.98/115	5VAC, PF≧0.9	5/230VAC, PF	≥0.93/277VA	C @ full load				
	POWER FACTOR	(Typ.)	(Please refer	to "POWER FA	CTOR (PF) CH	HARACTERIST	IC" section)				
		DISTORTON			( )	VAC;@load≧	,	)			
	TOTAL HARMONIC	DISTORTION				TORTION (TH					
	EFFICIENCY	230VAC	92%	93.5%	94.5%	95%	95%	95.5%	96%	96%	96%
INPUT	(Typ.)	277VAC	92.5%	93.5%	94.5%	95%	95%	95.5%	96%	96%	96%
	AC CURRENT (Ty		7A / 115VAC	3.3A/230		A / 277VAC	0070	30.070	0070	0070	0070
	INRUSH CURREN	• /				at 50% Ipeak) a	+ 220\/AC: Dor				
			COLD START	TUA(twidth-TUC		at 50 % Ipeak) a	IL 230VAC, PEI	NEIVIA 410			
	MAX. No. of PSU		1 unit (circuit	breaker of type	e B) / 2 units (d	circuit breaker	of type C) at 23	BOVAC			
	CIRCUIT BREAK						,				
	LEAKAGE CURR	ENT	<0.75mA/27	7VAC							
	STANDBY POWER C	ONSUMPTION	<0.5W at rem	ote off							
	OVER CURRENT	Note.4	95 ~ 108%								
	OVER OURRENT	Note.4	Constant cur	ent limiting, re	covers automa	atically after fau	ult condition is	removed			
PROTECTION	SHORT CIRCUIT		Constant current limiting, recovers automatically after fault condition is removed								
PROTECTION	SHURT 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								
			13 ~ 16V		1	atically after fau 26 ~ 30V			/ 46~50V	52.5 ~ 56.5V	′ 59~63V
	OVER VOLTAGE		13 ~ 16V	16.5 ~ 20.5V	22~26V	26~30V			/ 46~50V	52.5 ~ 56.5V	59~63V
		TURE	13 ~ 16V Shut down o/	16.5 ~ 20.5V p voltage, re-po	22 ~ 26V ower on to reco	26 ~ 30V over			/ 46~50V	52.5 ~ 56.5V	/ 59~63V
	OVER TEMPERA		13 ~ 16V Shut down o/ Shut down o/	16.5 ~ 20.5V p voltage, re-po p voltage, re-po	22 ~ 26V ower on to reco ower on to reco	26~30V over over	32.5 ~ 36.5	/ 39.5 ~ 43.5∖	/ 46~50V	52.5~56.5V	′ 59∼63V
FUNCTION	OVER TEMPERA		13 ~ 16V Shut down o/ Shut down o/ Power on : "Hi	16.5 ~ 20.5V p voltage, re-po p voltage, re-po gh" >2 ~ 5V or (	22 ~ 26V ower on to reco ower on to reco Open circuit	26 ~ 30V over over Power off : "Li	32.5 ~ 36.5	/ 39.5 ~ 43.5∖	/ 46~50V	52.5 ~ 56.5V	Y 59∼63V
	OVER TEMPERA REMOTE ON/OF 5V STANDBY	FCONTROL	13 ~ 16V Shut down o/ Shut down o/ Power on : "Hi 5VsB : 5V@0.5	16.5 ~ 20.5V p voltage, re-po p voltage, re-po gh" >2 ~ 5V or $\frac{1}{5}$	22 ~ 26V ower on to reco ower on to reco Open circuit =5%, ripple : 10	26~30V over over Power off : "Le D0mVp-p(max.)	32.5 ~ 36.5 ow" <0 ~ 0.5V c	/ 39.5 ~ 43.5∖ r Short circuit	/ 46~50V	52.5 ~ 56.5V	7 59~63V
	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP.	FCONTROL	13 ~ 16V Shut down o/ Shut down o/ Power on : "Hi 5VsB: 5V@0. Tcase= -40 ~	16.5 ~ 20.5V p voltage, re-p p voltage, re-p gh" >2 ~ 5V or 0 5A; tolerance $\pm$ +90°C (Pleas	22 ~ 26V ower on to reco ower on to reco Open circuit =5%, ripple : 10	26 ~ 30V over over Power off : "Li	32.5 ~ 36.5 ow" <0 ~ 0.5V c	/ 39.5 ~ 43.5∖ r Short circuit	/ 46~50V	52.5 ~ 56.5V	1 59~63V
	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM	F CONTROL P.	$\begin{array}{c} 13 \sim 16V\\ \text{Shut down o/}\\ \text{Shut down o/}\\ \text{Power on : "Hi}\\ 5V_{\text{SB}}: 5V @ 0.$\\ \text{Tcase=} -40 \sim\\ \text{Tcase=} +90^\circ \end{array}$	16.5 ~ 20.5V p voltage, re-pr p voltage, re-pr gh" >2 ~ 5V or ( $5A$ ; tolerance $\pm$ +90°C (Pleas	22 ~ 26V ower on to reco ower on to reco Open circuit =5%, ripple : 10 e refer to "OU	26~30V over over Power off : "Le D0mVp-p(max.)	32.5 ~ 36.5 ow" <0 ~ 0.5V c	/ 39.5 ~ 43.5∖ r Short circuit	/ 46~50V	52.5~56.5V	/ 59~63V
	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE	P. DITY	13 ~ 16V Shut down o/ Shut down o/ Power on : "Hi 5V <sub>SB</sub> : 5V@0.5 Tcase= -40 ~ Tcase= +90°0 20 ~ 95% RH	16.5 ~ 20.5V p voltage, re-pr p voltage, re-pr gh" >2 ~ 5V or ( $A$ ; tolerance $\pm$ +90°C (Pleas C non-condensir	22 ~ 26V ower on to reco ower on to reco Open circuit =5%, ripple : 10 e refer to "OU	26~30V over over Power off : "L D0mVp-p(max.) TPUT LOAD v	32.5 ~ 36.5 ow" <0 ~ 0.5V c	/ 39.5 ~ 43.5∖ r Short circuit	/ 46~50V	52.5~56.5V	/ 59~63V
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP.	F CONTROL P. DITY , HUMIDITY	13 ~ 16V Shut down o/ Shut down o/ Power on : "Hi 5Vss : 5V@0.: Tcase = 40 ~ Tcase = +90°t 20 ~ 95% RH -40 ~ +85°C,	[ 16.5 ~ 20.5V p voltage, re-pr p voltage, re-pr gh" >2 ~ 5V or ( 6A; tolerance ± +90°C (Pleas C non-condensii 10 ~ 95% RH r	22 ~ 26V ower on to reco ower on to reco Open circuit =5%, ripple : 10 e refer to "OU	26~30V over over Power off : "L D0mVp-p(max.) TPUT LOAD v	32.5 ~ 36.5 ow" <0 ~ 0.5V c	/ 39.5 ~ 43.5∖ r Short circuit	/ 46~50V	52.5~56.5V	/ 59~63V
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICI	F CONTROL P. DITY , HUMIDITY	13 ~ 16V Shut down o/ Shut down o/ Power on : "H 5VsB: 5V@0.t Tcase=-40 ~ Tcase=+90°t 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C	[ 16.5 ~ 20.5V p voltage, re-p p voltage, re-p gh" >2 ~ 5V or ( isA; tolerance ± +90°C (Pleas C non-condensii 10 ~ 95% RH r (0 ~ 55°C)	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensing	26 ~ 30V over Power off: "L D0mVp-p(max.) TPUT LOAD v g	32.5 ~ 36.5 ow" <0 ~ 0.5V c	r Short circuit	/ 46~50V	52.5~56.5V	/ 59~63V
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP.	F CONTROL P. DITY , HUMIDITY	13 ~ 16V Shut down o/ Shut down o/ Power on : "H 5VsB: 5V@0.t Tcase=-40 ~ Tcase=+90°t 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C	[ 16.5 ~ 20.5V p voltage, re-p p voltage, re-p gh" >2 ~ 5V or ( isA; tolerance ± +90°C (Pleas C non-condensii 10 ~ 95% RH r (0 ~ 55°C)	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensing	26~30V over over Power off : "L D0mVp-p(max.) TPUT LOAD v	32.5 ~ 36.5 ow" <0 ~ 0.5V c	r Short circuit	/ 46~50V	52.5~56.5V	' 59~63V
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICI	F CONTROL P. DITY , HUMIDITY	13 ~ 16V Shut down o/ Shut down o/ Power on : "H 5Vs8 : 5V@0.t Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, {	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( iA; tolerance ± +90°C (Pleas C non-condensii 10 ~ 95% RH r (0 ~ 55°C) G 12min./1cyc	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensin	26 ~ 30V over Power off: "Li D0mVp-p(max.) TPUT LOAD v g 72min. each al	32.5 ~ 36.5 ow" <0 ~ 0.5V c 's TEMPERAT	r Short circuit JRE" section)		52.5 ~ 56.5V	
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICI	F CONTROL P. DITY , HUMIDITY ENT	$\begin{array}{c} 13 \sim 16V \\ Shut down o/ \\ Shut down o/ \\ Power on : "H \\ 5V_{58} : 5V@0.t \\ Tcase= -40 \sim \\ Tcase= +90 ^{\circ} \\ 20 \sim 95\% \ RH \\ -40 \sim +85 ^{\circ} C, \\ \pm 0.03\% ^{\circ} C \\ 10 \sim 500 Hz, \\ UL60950-1, U \end{array}$	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or (/ iA; tolerance ± +90°C (Pleas C non-condensii 10 ~ 95% RH r (0 ~ 55°C) GG 12min./1cyc JL8750(type"H	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensin cle, period for L"), CSA C22.2	26 ~ 30V over Power off: "Li D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1	32.5 ~ 36.5 ow" <0 ~ 0.5V c 's TEMPERAT long X, Y, Z axe 2, ENEC BS E	/ 39.5 ~ 43.5 \ r Short circuit JRE" section) 	BS EN/EN6134		ndent,
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION	F CONTROL P. DITY , HUMIDITY ENT	$\begin{array}{c} 13 \sim 16V \\ Shut down o/ \\ Shut down o/ \\ Power on : "Hi \\ 5V_{58} : 5V@0.! \\ Tcase= -40 \sim \\ Tcase= +90 ^{\circ} \\ 20 \sim 95\% \ RH \\ -40 \sim +85 ^{\circ} C, \\ \pm 0.03\% / ^{\circ} C \\ 10 \sim 500 Hz, \\ UL60950 -1, \\ UBS EN/EN62 \end{array}$	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( iA; tolerance ± +90°C (Pleas C non-condensii 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IP	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensin cle, period for L"), CSA C22.2 67, J61347-1, .	26 ~ 30V over Power off: "Li D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1	32.5 ~ 36.5 ow" <0 ~ 0.5V c 's TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1	/ 39.5 ~ 43.5 \ r Short circuit JRE" section) 	- - - - 	17-2-13 indeper	ndent,
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7	$\begin{array}{c} 13 \sim 16V \\ Shut down o/ \\ Shut down o/ \\ Power on : "Hi \\ 5V_{SB} : 5V@0.! \\ Tcase= -40 \sim \\ Tcase= +90 ^{\circ} \\ 20 \sim 95\% \ RH \\ -40 \sim +85 ^{\circ} C, \\ \pm 0.03\% / ^{\circ} C \\ 10 \sim 500 Hz, \\ UL60950 -1, \\ BS EN/EN62: \\ KC61347 -1, \\ \end{array}$	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( iA; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13)	22 ~ 26V ower on to recc ower on to recc Open circuit = 5%, ripple : 10 e refer to "OU ng non-condensin cle, period for L"), CSA C22.: 67, J61347-1, , (for 24A,36A,4	26 ~ 30V over Power off : "Li 00mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, C	32.5 ~ 36.5 ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved	/ 39.5 ~ 43.5 \ r Short circuit JRE" section) 	- - - - 	17-2-13 indeper	ndent,
FUNCTION ENVIRONMENT SAFETY & EMC	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE	$\begin{array}{c} 13 \sim 16V \\ Shut down o/ \\ Shut down o/ \\ Power on : "HI \\ 5V_{SB} : 5V@0.5 \\ Tcase= -40 \sim \\ Tcase= +90^{\circ} \\ 20 \sim 95\% \ RH \\ -40 \sim +85^{\circ}C, \\ \pm 0.03\%/^{\circ}C \\ 10 \sim 500Hz, 5 \\ UL60950-1, \\ BS EN/EN62: \\ KC61347-1, \\ I/P-O/P:3.75 \\ \end{array}$	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC //P-F	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensin cle, period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,4 G:2KVAC O	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a )/P-FG:1.5KV/P	32.5 ~ 36.5 ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC	/ 39.5 ~ 43.5 \ r Short circuit JRE" section) 	- - - - 	17-2-13 indeper	ndent,
FUNCTION ENVIRONMENT SAFETY & EMC	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESE	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE	$\begin{array}{c} 13 \sim 16V \\ Shut down o/ \\ Shut down o/ \\ Power on : "HI \\ 5V_{SB} : 5V@0.5 \\ Tcase= -40 \sim \\ Tcase= +90^{\circ} \\ 20 \sim 95\% \ RH \\ -40 \sim +85^{\circ} C, \\ \pm 0.03\%/^{\circ} C \\ 10 \sim 500Hz, 5 \\ UL60950-1, \\ BS EN/EN62 \\ KC61347-1, \\ I/P-O/P: 3.75 \\ I/P-O/P, I/P-0 \\ \end{array}$	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC //P-F G, O/P-FG:1(	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a y/P-FG:1.5KV/ 00VDC / 25°C/	32.5 ~ 36.5 ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH	/ 39.5 ~ 43.5 r Short circuit JRE" section) JRE" section) S V/EN61347-1, , EAC TP TC 0(	BS EN/EN6134 04, AS/NZS 609	17-2-13 indeper 950.1(by CB)(A	ndent, B type excep
FUNCTION	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE	$\begin{array}{c} 13 \sim 16V \\ Shut down o/ \\ Shut down o/ \\ Power on : "HI \\ 5V_{SB} : 5V@0.5 \\ Tcase= -40 \sim \\ Tcase= +90^{\circ} \\ 20 \sim 95\% \ RH \\ -40 \sim +85^{\circ}C, \\ \pm 0.03\%/^{\circ}C \\ 10 \sim 500Hz, 5 \\ UL60950-1, \\ BS EN/EN62 \\ KC61347-1, \\ I/P-O/P: 3.75 \\ I/P-O/P, I/P-I \\ Compliance to \\ \end{array}$	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC //P-F FG, O/P-FG:1( o BS EN/EN55	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a y/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C	32.5 ~ 36.5 ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH	/ 39.5 ~ 43.5 r Short circuit JRE" section) JRE" section) S V/EN61347-1, , EAC TP TC 0(	BS EN/EN6134 04, AS/NZS 609	17-2-13 indeper	ndent, B type excep
FUNCTION ENVIRONMENT SAFETY & EMC	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESE	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE	$\begin{array}{c} 13 \sim 16V \\ Shut down o/ \\ Shut down o/ \\ Power on : "HI \\ 5VsB : 5V@0.5 \\ Tcase= -40 \sim \\ Tcase= +90^{\circ} \\ 20 \sim 95\% \ RH \\ -40 \sim +85^{\circ}C, \\ \pm 0.03\%/^{\circ}C \\ 10 \sim 500Hz, \\ UL60950-1, \\ UBS EN/EN62 \\ KC61347-1, \\ I/P-O/P: 3.75 \\ I/P-O/P, I/P- \\ Compliance t \\ KC KN15, KN \end{array}$	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC I/P-F =G, O/P-FG:1( o BS EN/EN55 161547(for 24A	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensing cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI ,36A,48A,54A	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, C 88,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only)	32.5 ~ 36.5 ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load	/ 39.5 ~ 43.5 \ r Short circuit JRE" section) JRE" section) 98 N/EN61347-1, 1 , EAC TP TC 0( ≥50%) ; BS E	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3	7-2-13 indeper 550.1(by CB)(A 3, EAC TP TC 0	ndent, B type excep 20;
FUNCTION ENVIRONMENT SAFETY & EMC	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESE	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.6 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62 KC61347-1, 1 I/P-O/P:3.75 I/P-O/P, I/P-I Compliance t KC KN15, KM	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC I/P-F -G, O/P-FG:11 o BS EN/EN61 o BS EN/EN61	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensing cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5,	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a b/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load	<pre>/ 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) //EN61347-1, , EAC TP TC 0( ≥50%); BS EI EN/EN55024, I</pre>	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3	17-2-13 indeper 950.1(by CB)(A	ndent, B type excep 20;
FUNCTION ENVIRONMENT SAFETY & EMC	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESIDE EMC EMISSION EMC IMMUNITY	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62 KC61347-1, 1 I/P-O/P:3.75 I/P-O/P; I/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4H	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC I/P-F FG, O/P-FG:1( o BS EN/EN55 161547(for 24A o BS EN/EN61 (V, Line-Line 2)	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI "36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, C 88,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f	<pre>/ 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) //EN61347-1, , EAC TP TC 0( ≥50%); BS EI EN/EN55024, I for 24A,36A,48/</pre>	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only)	7-2-13 indeper 550.1(by CB)(A 3, EAC TP TC 0	ndent, B type excep 20;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10)	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESIDE EMC EMISSION EMC IMMUNITY MTBF	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62 KC61347-1, 1 I/P-O/P.3.75 I/P-O/P.I/P-I Compliance t Line-Earth 4H 913.4K hrs m	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC I/P-F =G, O/P-FG:1( o BS EN/EN61 (V, Line-Line 2) in. Telcordiz	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI "36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f	<pre>/ 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) //EN61347-1, , EAC TP TC 0( ≥50%); BS EI EN/EN55024, I for 24A,36A,48/</pre>	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only)	7-2-13 indeper 550.1(by CB)(A 3, EAC TP TC 0	ndent, B type excep 20;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10)	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.6 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62 KC61347-1, I I/P-O/P.3.75 I/P-O/P.J/P-I Compliance t Line-Earth 4H 913.4K hrs m 280°144*48.5	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type'H 384, IP65 or IPI (C61347-2-13) KVAC I/P-F EG, O/P-FG:1( o BS EN/EN61 (V, Line-Line 2) in. Telcordia Smm (L*W*H)	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensing cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Bella	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, C 88,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f	<pre>/ 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) //EN61347-1, , EAC TP TC 0( ≥50%); BS EI EN/EN55024, I for 24A,36A,48/</pre>	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only)	7-2-13 indeper 550.1(by CB)(A 3, EAC TP TC 0	ndent, B type excep 20;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10)	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI- EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5Vs8 : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62 KC61347-1, 1 I/P-O/P:3.75 I/P-O/P, I/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1	[ 16.5 ~ 20.5V p voltage, re-p- p voltage, re-p- gh" >2 ~ 5V or ( A; tolerance ± +90°C (Pleas C non-condensin 10 ~ 95% RH r (0 ~ 55°C) 5G 12min./1cyc JL8750(type"H 384, IP65 or IPI (C61347-2-13) KVAC I/P-F -G, O/P-FG:1( o BS EN/EN55 161547(for 24A o BS EN/EN61 (V, Line-Line 2) in. Telcordia 5mm (L*W*H) 6.6Kg/0.9CUF	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensing cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI "36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v 9 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f rs min. MIL-	<pre>/ 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) //EN61347-1, , EAC TP TC 0( ≥50%); BS EI EN/EN55024, I DF 24A,36A,48/ HDBK-217F (2)</pre>	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 5°C)	7-2-13 indeper 550.1(by CB)(A 3, EAC TP TC 0	ndent, B type excep 20;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI- EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5Vs8: 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, $\pm 0.03\%$ °C 10 ~ 500Hz, 5 UL60950-1, L BS EN/EN62: KC61347-1, 1 I/P-O/P: 3.75 I/P-O/P: 0/P: 3.75 I/P-O/P: 1/P-C Compliance to KC KN15, KN Compliance to Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 I/P mentioned a	16.5 ~ 20.5V           p voltage, re-p;           non-condensin           10 ~ 95% RH r           (0 ~ 55°C)           5G 12min./1cyc           JL8750(type"H           384, IP65 or IP;           (C61347-2-13;           KVAC         I/P-F;           G, O/P-FG:1(           o BS EN/EN55           61547(for 24A)           o BS EN/EN61           (X, Line-Line 2)           in.           GeNg/0.9CUF           are measured	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC inp	26 ~ 30V over Power off: "L 00mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f rs min. MIL- ent and 25°C	<ul> <li>I 39.5 ~ 43.5\/</li> <li>r Short circuit</li> <li>JRE" section)</li> <li>JRE" section)</li> <li>S</li> <li>V/EN61347-1, ,</li> <li>EAC TP TC 0(</li> <li>≥50%) ; BS EI</li> <li>EN/EN55024, I</li> <li>Dor 24A,36A,48/</li> <li>HDBK-217F (2</li> <li>Dof ambient tem</li> </ul>	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) (5°C)	17-2-13 indeper 950.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu	ndent, B type excep 120;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Power on : "Hi 5Vs8: 5V@0.5 Tcase= -40 ~ Tcase= +90° H -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, 5 UL60950-1, L BS EN/EN62: KC61347-1, I I/P-O/P: 3.75 I/P-O/P: I/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 Jy mentioned a ad at 20MHz o	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC ing 7 using a 12" t	26 ~ 30V over Power off: "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a y/P-FG:1.5KV/ D0VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f rs min. MIL- ent and 25°C	I 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) PS V/EN61347-1, 1, , EAC TP TC 0( ≥50%); BS EI EN/EN55024, 1 FOT 24A,36A,48/ HDBK-217F (2) of ambient tem	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) (5°C)	17-2-13 indeper 050.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu	ndent, B type excep 120;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : inc	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, { UL60950-1, L BS EN/EN622 KC61347-1, 1 I/P-O/P: I/P-1 Compliance t KC KN15, KN Compliance t H913.4K hrs m 280°144*48.5 3.9Kg; 4pcs/ <sup>1</sup> Jy mentioned a ed at 20MHz o tolerance, line	16.5 ~ 20.5V           p voltage, re-p;           p voltage, r	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU e refer to "OU ng oon-condensin Cle, period for L"), CSA C22.3 67, J61347-1, , (for 24A,36A,4 G.2KVAC O 015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC inp y using a 12" t d load regulatio	26 ~ 30V over Power off: "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a y/P-FG:1.5KV/ D0VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f rs min. MIL- ent and 25°C	I 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) PS V/EN61347-1, 1, , EAC TP TC 0( ≥50%); BS EI EN/EN55024, 1 FOT 24A,36A,48/ HDBK-217F (2) of ambient tem	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) (5°C)	17-2-13 indeper 050.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu	ndent, B type excep 20;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, 4 UL60950-1, U BS EN/EN62: KC61347-1, 1 I/P-O/P: 3.75 I/P-O/P, I/P-1 Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 I/y mentioned at at at 20Hz of tolerance, line /ETHODS OF	16.5 ~ 20.5V           p voltage, re-p;           non-condensin           10 ~ 95% RH r           (0 ~ 55°C)           GG 12min./1cyc           GG 12min./1cyc           JL8750(type"H           384, IP65 or IP;           CC(G01347-2-13)           KVAC           KVAC           I/P-F           G, O/P-FG:1(0           o BS EN/EN61           in.           Telcordiation           GoBS EN/EN61           in.           Telcordiation           mm (L*W*H)           6.6Kg/0.9CUF           f bandwidth by           regulation and           LED MODUL	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU ng oon-condensing cle, period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 00M Ohms	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre wisted pair-wir on.	32.5 ~ 36.5 ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E 2, ENEC BS E 2, ENEC BS E 2, ENEC BS E 2, ENEC B4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(fr rs min. MIL- ont and 25°C re terminated w	( 39.5 ~ 43.5 \ r Short circuit JRE" section) JRE" section) ss N/EN61347-1, 1, , EAC TP TC 0( ≥ 50%) ; BS EI EN/EN55024, 1 bor 24A,36A,48/ HDBK-217F (2 of ambient tem vith a 0.1uf & 4	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) (5°C) iperature. 17uf parallel ca	17-2-13 indeper 050.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu	ndent, B type excep 120;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, { UL60950-1, U BS EN/EN622 KC61347-1, I I/P-O/P:3.755 I/P-O/P. I/P-I Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 I/y mentioned a dat 20MHz o tolerance, line METHODS OF nder low input	16.5 ~ 20.5V           p voltage, re-p;           f voltage, re-p;	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU ng non-condensin, Cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/El ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC ing v using a 12" t d load regulatio E". ase refer to "S	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v 72min. each al 2 No. 250.13-1 J61347-2-13, C 8A,54A only) a J/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre twisted pair-wir on.	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT iong X, Y, Z axe 2, ENEC BS E 2, ENEC BS E 2, ENEC G84943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(fr rs min. MIL- ent and 25°C c re terminated v	( 39.5 ~ 43.5 \ r Short circuit JRE" section) JRE" section) ss N/EN61347-1, 1, , EAC TP TC 00 ≥ 50%) ; BS EI EN/EN55024, 11 bor 24A,36A,48/ HDBK-217F (2 of ambient tem vith a 0.1uf & 4 sections for de	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 15°C) aperature. 47uf parallel ca etails.	17-2-13 indeper 050.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu	ndent, B type excep 120;
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set of	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, 8 UL60950-1, U BS EN/EN623 KC61347-1, I I/P-O/P:3.75 I/P-O/P.1/P-1 Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.8 3.9Kg; 4pcs/1 I/y mentioned a scd at 20MHz o tolerance, line METHODS OF Inder low input asured at first	16.5 ~ 20.5V           p voltage, re-p;           f voltage, re-p;           voltage, re-p;           cold start. Turi	22 ~ 26V ower on to recc ower on to recc Open circuit 55%, ripple : 10 e refer to "OU e refer to "OU L"), CSA C22.2 67, J61347-1, ., (for 24A,36A,4 G:2KVAC 0 00M Ohms / 50 0015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC ing ' using a 12" t d load regulatio E". ase refer to "S' ning ON/OFF	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, C 8A,54A only) a b/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h pout, rated curre wisted pair-wir on. TATIC CHAR/ the driver may	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E 2, ENEC BS E CCC G84943.1 pproved AC '70% RH lass C (@ load /EN61547, BS 15, KN61547(fr rs min. MIL- ent and 25°C c re terminated v ACTERISTIC" / lead to increa	I 39.5 ~ 43.5 √ r Short circuit JRE" section) JRE" section) is V/EN61347-1, 1, , EAC TP TC 00 ≥ 50%) ; BS EI EN/EN55024, 1 Dor 24A,36A,48/ HDBK-217F (2 Dof ambient term with a 0.1uf & 4 sections for de ise of the set u	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 5°C) perature. 47uf parallel ca etails. up time.	950.1(by CB)(A 3, EAC TP TC 0 vel (surge immu pacitor.	ndent, B type excep 120; unity
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set of 7. The model cent	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62: KC61347-1, I I/P-O/P:3.75 I/P-O/P.I/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg: 4pcs/1 Iy mentioned a ed at 20MHz co tolerance, ine ACTOPS OF Inder low input asured at first C(GB19510.14	16.5 ~ 20.5V           p voltage, re-p;           non-condensin           10 ~ 95% RH r           (0 ~ 55°C)           5G 12min./tcyd           JL8750(type'H           834, IP65 or IP;           KVAC           KVAC           I/P-F;           G, O/P-FG:10;           o BS EN/EN61;           (X, Line-Line 2);           in.           Telcordia;           imm (L*W*H)           6.6Kg/0.9CUF           are measured           f bandwidth by;           voltages. Plea;           cold start.           GB19510.1, G	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng non-condensing cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC 0 00M Ohms / 50 015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belli T at 230VAC inp y using a 12" t d load regulatio E". ase refer to "S ning ON/OFF GB17743 and	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, C 8A,54A only) a b/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6.8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre wisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC G84943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(fr rs min. MIL- ent and 25°C c re terminated w ACTERISTIC" / lead to increas s an optional r	I 39.5 ~ 43.5 √ I 39.5 ~ 44.5 √ <td>BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 5°C) iperature. 47uf parallel ca etails. up time. contact MEAN</td> <td>P-2-13 indeper 950.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu pacitor.</td> <td>ails.</td>	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 5°C) iperature. 47uf parallel ca etails. up time. contact MEAN	P-2-13 indeper 950.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu pacitor.	ails.
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set to 7. The model cent 8. This series model	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7 i NOT special e are measure cludes set up "DRIVING N be needed u up time is me tified for CCC exets the typica	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62: KC61347-1, I I/P-O/P.3.75 I/P-O/P.I/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4H 913.4K hrs m 280°144*48.5 3.9Kg; 4pcs/1 I/y mentioned a dat 20MHz of tolerance, line METHODS OF Inder low input asured at first C(GB19510.14 al life expectan	16.5 ~ 20.5V           p voltage, re-p;           non-condensin           10 ~ 95% RH r           (0~ 55°C)           5G 12min./tcyd           JL8750(type*H           8384, IP65 or IP;           (C61347-2-13)           KVAC         I/P-F;           G, O/P-FG:1(5           161547(for 24A           o BS EN/EN61           V, Line-Line 2!           in.         Telcordia           imm (L*W*H)           6.6Kg/0.9CUF           are measured           f bandwidth by           regulation and           LED MODULL           voltages. Pleacold start. Turi           GB19510.1, 0           cy of >62,000	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC 0 00M Ohms / 50 015, BS EN/EI "36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belli T at 230VAC inp / using a 12" t d load regulatic E". ase refer to "S ning ON/OFF GB17743 and hours of opera	26 ~ 30V over Power off : "L 0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, C 8A,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre wisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is ation when Tc	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT s TEMPERAT 2, ENEC BS E CCC G84943.1 pproved AC 70% RH lass C (@ load (EN61547, BS 15, KN61547(f rs min. MIL- ent and 25°C c re terminated w ACTERISTIC" / lead to increas s an optional r ase, particular	I 39.5 ~ 43.5 √ I 39.5 ~ 44.5 √ <td>BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 5°C) iperature. 47uf parallel ca etails. up time. contact MEAN</td> <td>P-2-13 indeper 950.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu pacitor.</td> <td>ails.</td>	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 5°C) iperature. 47uf parallel ca etails. up time. contact MEAN	P-2-13 indeper 950.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu pacitor.	ails.
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESIS EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : inc 4. Please refer to 5. De-rating may 6. Length of set to 7. The model cen 8. This series me 9. Please refer to	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7 i NOT special e are measure cludes set up b "DRIVING M be needed u up time is me tified for CCC exets the typica o the warranty	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5Vs8 : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, \$ UL60950-1, U BS EN/EN62: KC61347-1, I I/P-O/P: 3.75 I/P-O/P: J/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 Ily mentioned a ad at 20MHz of totelerance, line METHODS OF METHODS OF AUCHIONIC STATES CGB19510.14 al life expectant y statement on	16.5 ~ 20.5V           p voltage, re-p;           non-condensin           10 ~ 95% RH r           (0 ~ 55°C)           5G 12min./1cyc           JL8750(type"H           384, IP65 or IP;           (C61347-2-13)           KVAC           KVAC           p SS EN/EN61           (X, Line-Line 2)           in.           fbandwidth b;           regulation and           LED MODUL           voltages. Pleacold           cold start. Turi,           GB19510.1, (           cy of >62,000           MEAN WELL	22 ~ 26V ower on to recc ower on to recc Open circuit =5%, ripple : 10 e refer to "OU ng cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 015, BS EN/EI "36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC inp / using a 12" t d load regulatic E". ase refer to "S GB17743 and hours of oper- 's website at h	26 ~ 30V over Power off : "L 00mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, C 8A,54A only) a 0/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ 7C 020; KC KN core) ; 76.9K h put, rated curre wisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is ation when Tc nttp://www.mea	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT s TEMPERAT 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(f rs min. MIL- ent and 25°C re terminated w ACTERISTIC" / lead to increa s an optional r ase, particular anwell.com	/ 39.5 ~ 43.5 \ r Short circuit JRE" section) JRE" section) PS N/EN61347-1, 1, , EAC TP TC 0( ≥50%) ; BS EI EN/EN55024, 1 Dor 24A,36A,48/ HDBK-217F (2 Df ambient tem vith a 0.1uf & 4 sections for de use of the set u nodel . Please y (ⓒ point (or	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) (5°C) iperature. 47uf parallel ca ptails. up time. contact MEAN TMP, per DLC	Pacitor.	ails.
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set of 7. The model cent 8. This series ma 9. Please refer to 10. The driver is	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7 i NOT special e are measure cludes set up "DRIVING N be needed u up time is me tified for CCC o the warranty considered a	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5VsB : 5V@0.5 Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ± 0.03%/°C 10 ~ 500Hz, { UL60950-1, L BS EN/EN62: KC61347-1, I I/P-0/P: I/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4H 913.4K hrs m 280°144*48.5 3.9Kg; 4pcs// Ily mentioned a ed at 20MHz of tolerance, line /ETHODS OF inder low input asured at first (GB19510.14 al life expectan statement on component w	16.5 ~ 20.5V           p voltage, re-p;           non-condensin           10 ~ 95% RH r           0 ~ 55°C)           G 12min./1cy;           JL8750(type"H           384, IP65 or IP;           C601347-2-13(           KVAC           VACC           o BS EN/EN61           Vy, Line-Line 21           in. Telcordia           mm (L*W*H)           6.6Kg/0.9CUF           are measured           f bandwidth by           regulation and           LED MODUL           voltages. Pleac           cold start. Turn           GB19510.1, (           GY of >62,000           MEAN WELL <td< td=""><td>22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU e refer to "OU is period for L"), CSA C22.3 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 00M Ohms / 50 0015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle SR-332 (Belle T at 230VAC inp y using a 12" t d load regulatio E". ase refer to "S GB17743 and hours of opera 's website at h italled into a fir</td><td>26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, C 8A,54A only) a J/P-FG:1.5KV/A 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre twisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is ation when Tc mttp://www.mea nal equipment.</td><td>32.5 ~ 36.5\ ow" &lt;0 ~ 0.5V c s TEMPERAT s TEMPERAT s TEMPERAT c c c c gaset c c c c c c c c c c c c c c c c c c c</td><td>( 39.5 ~ 43.5 \ r Short circuit JRE" section) JRE" section) s V/EN61347-1, 1, , EAC TP TC 0( ≥ 50%) ; BS EI EN/EN55024, 1 por 24A,36A,48/ HDBK-217F (2 bf ambient term vith a 0.1uf &amp; 4 sections for de sections for de sections for de set u nodel . Please y (tc) point (or ests are been</td><td>BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 25°C) aperature. 47uf parallel ca etails. up time. contact MEAN TMP, per DLC executed by m</td><td>17-2-13 indeper 250.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu pacitor. I WELL for det c), is about 75 % nounting the ur</td><td>ails. C or less.</td></td<>	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU e refer to "OU is period for L"), CSA C22.3 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 00M Ohms / 50 0015, BS EN/EI ,36A,48A,54A 000-4-2,3,4,5, KV), EAC TP T a SR-332 (Belle SR-332 (Belle T at 230VAC inp y using a 12" t d load regulatio E". ase refer to "S GB17743 and hours of opera 's website at h italled into a fir	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, C 8A,54A only) a J/P-FG:1.5KV/A 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre twisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is ation when Tc mttp://www.mea nal equipment.	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT s TEMPERAT s TEMPERAT c c c c gaset c c c c c c c c c c c c c c c c c c c	( 39.5 ~ 43.5 \ r Short circuit JRE" section) JRE" section) s V/EN61347-1, 1, , EAC TP TC 0( ≥ 50%) ; BS EI EN/EN55024, 1 por 24A,36A,48/ HDBK-217F (2 bf ambient term vith a 0.1uf & 4 sections for de sections for de sections for de set u nodel . Please y (tc) point (or ests are been	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 25°C) aperature. 47uf parallel ca etails. up time. contact MEAN TMP, per DLC executed by m	17-2-13 indeper 250.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu pacitor. I WELL for det c), is about 75 % nounting the ur	ails. C or less.
FUNCTION ENVIRONMENT SAFETY & EMC	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set of 7. The model cent 8. This series me 9. Please refer to 10. The driver is 360mm*360r	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7 CONTROLOGIES STANCE Note.7	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5Vsb : 5V@0.5 Tcase= -40 ~ Tcase= +90° 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, 4 UL60950-1, L BS EN/EN62 KC61347-1, 1 I/P-O/P: 3.75 I/P-O/P. I/P-I Compliance t KC KN15, KN Compliance t Line-Earth 4k 913.4K hrs m 280*144*48.8 3.9Kg; 4pcs/1 ly mentioned a at 20MHz o tolerance, line //ETHODS OF inder low input asured at first 2(GB19510.14 life expectant statement on component w te with 1mm o	16.5 ~ 20.5V           p voltage, re-p;           f voltages, Piez           cold 547 (for 24A           o BS EN/EN61           in. Telcordia           regulation and           LED MODUL           voltages, Piez           cold start. Turi           GB19510.1, 0           GB19510.1, 0           mEAN WELL           hickness. Th	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU e refer to "OU is period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,4 G:2KVAC O 00M Ohms / 50 00M Ohms / 50	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a J/P-FG:1.5KV/A 00VDC / 25°C/ N61000-3-2 C only) 6,8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre wisted pair-wir on. TATIC CHARA the driver may GB17625.1) is ation when Tc the driver may GB17625.1) is ation when Tc the driver may GB17625.1) is ation when Tc the driver may	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT is	r Short circuit JRE" section) JRE" section) ss V/EN61347-1, I, EAC TP TC 00 ≥ 50%) ; BS EI EN/EN55024, I por 24A,36A,48/ HDBK-217F (2 b) f ambient term vith a 0.1uf & 4 sections for de use of the set u nodel . Please y (ⓒ point (or ests are been at it still meets	BS EN/EN6134 D4, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 55°C) perature. 47uf parallel ca stails. pt time. contact MEAN TMP, per DLC executed by m EMC directives	17-2-13 indeper 950.1 (by CB) (A 3, EAC TP TC 0 vel (surge immu pacitor. I WELL for det ), is about 75% nounting the ur s. For guidance	ails. C or less.
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set of 7. The model cent 8. This series me 9. Please refer to 10. The driver is 360mm*360r	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7 i NOT special e are measure cludes set up o "DRIVING N be needed u up time is me tified for CCC events the typica events the typica on the warranty considered a nm metal plat e EMC tests,	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5Vsb : 5V@0.5 Tcase= -40 ~ Tcase= +90" 20 ~ 95% RH -40 ~ +85°C, $\pm 0.03\%$ /°C 10 ~ 500Hz, 4 UL60950-1, U BS EN/EN62: KC61347-1, 1 I/P-O/P:3.75 I/P-O/P:1/P-I Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 Jly mentioned at dat 20MHz o tolerance, line /ETHODS OF inder low input asured at first c/GB19510.14 al life expectant o statement on component w the with 1mm o please refer to	16.5 ~ 20.5V           p voltage, re-p;           in - condensin           in, Telcordia           re measured           f bandwidth by           re gulation and           LED MODUL           voltages. Plea           cold start. Turi           G > 62,000           MEAN WELL           hickness. Th           p *EMI testing	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU ng onn-condensing Cle, period for L"), CSA C22.2 67, J61347-1, , (for 24A,36A,46 G:2KVAC 0 00M Ohms / 50 00M Ohms / 50 00M Ohms / 50 00M Ohms / 50 00M Ohms / 50 000 4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC ing v using a 12" t d load regulatic E". ase refer to "S ning ON/OFF GB17743 and hours of opera 's website at h talled into a fir e final equipm of component	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a J/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6.8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre wisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is ation when Tc the driver may GB17625.1) is ation when Tc mal equipment nent must be re power supplie	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT is TEMPERAT 2, ENEC BS E 2,	<pre>/ 39.5 ~ 43.5\/ r Short circuit JRE" section) JRE" section) // URE" section) // URE" section) // URE" section) // URE" sections // URE Solution // URE S</pre>	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) '5°C) iperature. 47uf parallel ca stails. up time. contact MEAN TMP, per DLC executed by m EMC directive: w.meanwell.co	17-2-13 indeper 17-2-13 indeper 150.1(by CB)(A 3, EAC TP TC 0 vel (surge immu pacitor. I WELL for det c), is about 75° nounting the ur s. For guidance m)	ails. C or less. hit on a e on how to
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERAT REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set to 7. The model cent 8. This series me 9. Please refer to 10. The driver is 360mm*360r perform these	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE Note.7 in Consider Stance are measure cludes set up o "DRIVING M be needed u up time is me tiffied for CCC coests the typica on the warranty considered a nm metal plat e EMC tests, temperature of	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5Vsb : 5V@0.5 Tcase= +90" 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, t UL60950-1, U BS EN/EN62: KC61347-1, I I/P-O/P:3.75 I/P-O/P:1/P-I Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 Ily mentioned a dat 20MHz o tolerance, line /ETHODS OF inder low input asured at first C(GB19510.14 al life expectam of statement on component w te with 1mm o please refer to derating of 3.5	16.5 ~ 20.5V           p voltage, re-p;           f voltage, r	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU ng onon-condensing Cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,44 G:2KVAC O 00M Ohms / 50 00M Ohms / 50 00M Ohms / 50 000,4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC ing y using a 12" t d load regulatio E". ase refer to "S ning ON/OFF GB17743 and hours of opera 's website at h talled into a fii e final equipm of component n fanless mode	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a J/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6.8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre twisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is ation when Tc thtp://www.mea ation when Tc	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(ff rs min. MIL- ent and 25°C (@ load /EN61547, BS 15, KN61547(ff rs min. MIL- ent and 25°C (@ load AC /EN61547, BS 15, KN61547(ff rs min. MIL- ent and 25°C (@ load AC ACTERISTIC" / lead to increa s an optional r ase, particular anwell.com All the EMC f e-confirmed th is." (as availab /1000m with fa	r Short circuit JRE" section) JRE" section) JRE" section) ss N/EN61347-1, 1, , EAC TP TC 00 ≥ 50%) ; BS EI EN/EN55024, I bor 24A,36A,48/ HDBK-217F (2 Data and the section of	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 15°C) aperature. 47uf parallel ca etails. up time. contact MEAN TMP, per DLC executed by m EMC directive: w.meanwell.co operating altituc	17-2-13 indeper 17-2-13 indeper 150.1(by CB)(A 3, EAC TP TC 0 vel (surge immu pacitor. I WELL for det c), is about 75° nounting the ur s. For guidance m)	ails. C or less. hit on a e on how to
FUNCTION ENVIRONMENT SAFETY & EMC (Note 10) OTHERS	OVER TEMPERA REMOTE ON/OFI 5V STANDBY WORKING TEMP. MAX. CASE TEM WORKING HUMIE STORAGE TEMP. TEMP. COEFFICIE VIBRATION SAFETY STANDA WITHSTAND VOL ISOLATION RESI EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters 2. Ripple & noise 3. Tolerance : ind 4. Please refer to 5. De-rating may 6. Length of set of 7. The model cet 8. This series me 9. Please refer to 10. The driver is 360mm*360r perform thess 11. The ambient 12. For any appli	F CONTROL P. DITY , HUMIDITY ENT RDS Note.7 TAGE STANCE STANCE Note.7 i NOT special e are measure cludes set up o "DRIVING M be needed u up time is me tified for CCC exets the typica o the warranty considered a ann metal plat e EMC tests, temperature of cation note a	13 ~ 16V Shut down o/ Shut down o/ Power on : "HI 5Vsb : 5V@0.5 Tcase= +90" 20 ~ 95% RH -40 ~ +85°C, ±0.03%/°C 10 ~ 500Hz, t UL60950-1, U BS EN/EN62: KC61347-1, I I/P-O/P:3.75 I/P-O/P:1/P-I Compliance t Line-Earth 4H 913.4K hrs m 280*144*48.5 3.9Kg; 4pcs/1 Ily mentioned a dat 20MHz o tolerance, line /ETHODS OF inder low input asured at first C(GB19510.14 al life expectam of statement on component w te with 1mm o please refer to derating of 3.5	16.5 ~ 20.5V           p voltage, re-p;           p voltage, re-p;           p voltage, re-p;           gh">2 ~ 5V or (i           iA; tolerance ±           +90°C (Pleas           C           non-condensin           10 ~ 95% RH r           (0 ~ 55°C)           5G 12min./1cycg           JL8750(type"H           384, IP65 or IP           (C61347-2-13)           KVAC           KVAC           I/P-F           G, 0/P-FG:11(           o BS EN/EN61           (V, Line-Line 2)           in.           Telcordia           imm (L*W*H)           6.6Kg/0.9CUF           are measured           f bandwidth by,           regulation and           LED MODUL           voltages. Pleat           cold start. Turn           GB19510.1, (           cy of 62,0000           MEAN WELL           hich will be ins           if thickness. Th           "C/1000m witt           of function ins	22 ~ 26V ower on to recc ower on to recc Open circuit 5%, ripple : 10 e refer to "OU ng onon-condensing Cle, period for L"), CSA C22.2 67, J61347-1, . (for 24A,36A,44 G:2KVAC O 00M Ohms / 50 00M Ohms / 50 00M Ohms / 50 000,4-2,3,4,5, KV), EAC TP T a SR-332 (Belle T at 230VAC ing y using a 12" t d load regulatio E". ase refer to "S ning ON/OFF GB17743 and hours of opera 's website at h talled into a fii e final equipm of component n fanless mode	26 ~ 30V over Power off : "L D0mVp-p(max.) TPUT LOAD v g 72min. each al 2 No. 250.13-1 J61347-2-13, ( 8A,54A only) a J/P-FG:1.5KV/ 00VDC / 25°C/ N61000-3-2 C only) 6.8,11, BS EN/ C 020; KC KN core) ; 76.9K h put, rated curre twisted pair-wir on. TATIC CHAR/ the driver may GB17625.1) is ation when Tc thtp://www.mea ation when Tc	32.5 ~ 36.5\ ow" <0 ~ 0.5V c s TEMPERAT long X, Y, Z axe 2, ENEC BS E CCC GB4943.1 pproved AC 70% RH lass C (@ load /EN61547, BS 15, KN61547(ff rs min. MIL- ent and 25°C (@ load /EN61547, BS 15, KN61547(ff rs min. MIL- ent and 25°C (@ load AC /EN61547, BS 15, KN61547(ff rs min. MIL- ent and 25°C (@ load AC ACTERISTIC" / lead to increa s an optional r ase, particular anwell.com All the EMC f e-confirmed th is." (as availab /1000m with fa	r Short circuit JRE" section) JRE" section) JRE" section) ss N/EN61347-1, 1, , EAC TP TC 00 ≥ 50%) ; BS EI EN/EN55024, I bor 24A,36A,48/ HDBK-217F (2 Data and the section of	BS EN/EN6134 04, AS/NZS 609 N/EN61000-3-3 ight industry lev A,54A only) 15°C) aperature. 47uf parallel ca etails. up time. contact MEAN TMP, per DLC executed by m EMC directive: w.meanwell.co operating altituc	17-2-13 indeper 17-2-13 indeper 150.1(by CB)(A 3, EAC TP TC 0 vel (surge immu pacitor. I WELL for det c), is about 75° nounting the ur s. For guidance m)	ails. C or less. hit on a e on how to



## HLG-600H series

#### BLOCK DIAGRAM



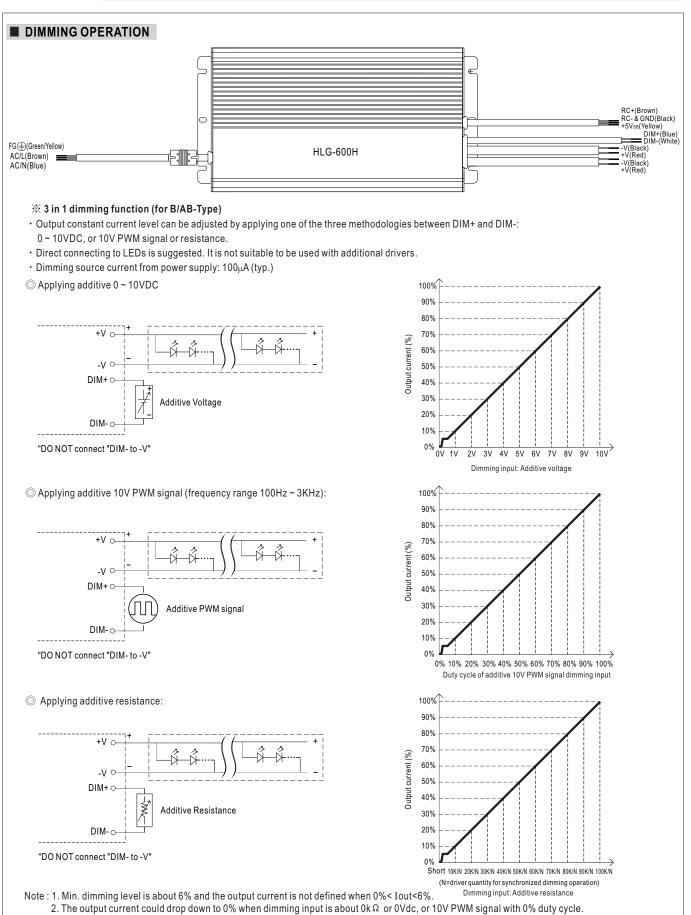
Typical output current normalized by rated current (%)

100

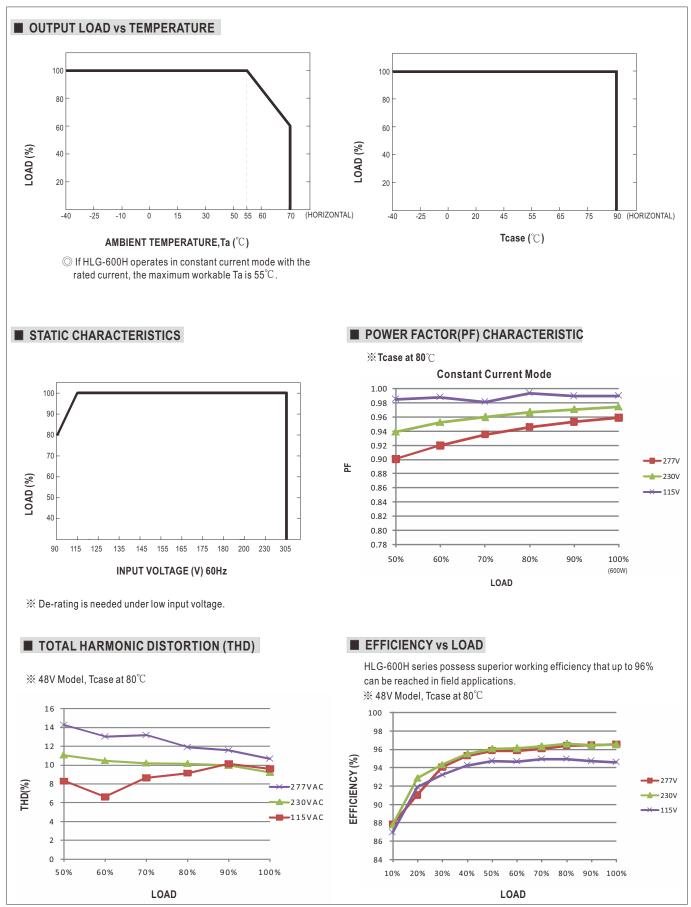
lo (%)

50





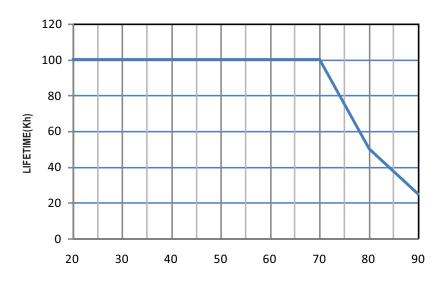






# HLG-600H series

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Tcase (°C )



