

Alimentatore 24V 320 W IP67 B-HLG

Cod. 112184

Alimentatore adatto ad installazioni in esterno.
Corpo in ABS
Classi di protezione II e F
Funzione dimmer 1-10 Vdc, 10V PWM



Caratteristiche tecniche

W potenza
320 W

A corrente
13,3 A

protezione
IP67

applicazione
esterno

V_{in} tensione Ingresso
100-240 Vac

V_{out} tensione Uscita
24 V

Caratteristiche geometriche

Dimensioni (mm)
(252 x 90 x 44)



Le immagini del prodotto sono di riferimento

Tutte le indicazioni riportate non sono vincolanti e possono essere soggette a modifiche, anche senza preavviso.



■ Features :

- Universal AC input I Full range (up to 305VAC)
- Built-in active PFC function
- High efficiency up to 95%
- Protections: Short circuit I Over current I Over voltage I Over temperature
- Cooling by free air convection
- OCP point adjustable through output cable or internal potentiometer
- IP67 I IP65 design for indoor or outdoor installations
- Type HL LED Driver for use in Class I , Division 2 hazardous location luminaires
- Three in one dimming function (1-10Vdc or PWM signal or resistance)
- Suitable for LED lighting and street lighting applications
- Compliance to worldwide safety regulations for lighting
- Suitable for dry I damp I wet location
- 7 years warranty (Note.10)



HLG-320H-12 ^A Blank : IP67 rated. Cable for IIO connection.
 A : IP65 rated. Output voltage and constant current level can be adjusted through internal potentiometer.
B : IP67 rated. Constant current level adjustable through output cable with 1-10Vdc or PWM signal or resistance.

SPECIFICATION

MODEL	HLG-320H-12 ^A	HLG-320H-15	HLG-320H-20	HLG-320H-24 ^B	HLG-320H-30	HLG-320H-36	HLG-320H-42	HLG-320H-48	HLG-320H-54
DC VOLTAGE	12V	15V	20V	24V	30V	36V	42V	48V	54V
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	22A	19A	15A	13.34A	10.7A	8.9A	7.65A	6.7A	5.95A
RATED POWER	264W	285W	300W	320.16W	321W	320.4W	321.3W	321.6W	321.3W
RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	250mVp-p	250mVp-p	250mVp-p	350mVp-p
VOLTAGE ADJ. RANGE Note.6	10.8 ~ 13.5V	13.5 ~ 17V	17 ~ 22V	21 ~ 26V	26 ~ 32V	32 ~ 39V	38 ~ 45V	43 ~ 52V	49 ~ 58V
CURRENT ADJ. RANGE	Can be adjusted by internal potentiometer A type and C type only								
OUTPUT	11 ~ 22A	9.5 ~ 19A	7.5 ~ 15A	6.67 ~ 13.34A	5.35 ~ 10.7A	4.45 ~ 8.9A	3.8 ~ 7.65A	3.35 ~ 6.7A	2.97 ~ 5.95A
VOLTAGE TOLERANCE Note.3	± 3.0%	± 2.0%	± 1.5%	± 1.0%	± 1.0%	± 1.0%	± 1.0%	± 1.0%	± 1.0%
LINE REGULATION	± 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%
SETUP, RISE TIME Note.8	2500ms, 80ms/115VAC 500ms, 80ms/230VAC at full load								
HOLD UP TIME (Typ.)	15ms at full load 230VAC /115VAC								
INPUT	VOLTAGE RANGE Note.5 90 ~ 305VAC 127 ~ 431VDC								
	FREQUENCY RANGE 47 ~ 63Hz								
	POWER FACTOR (Typ.) PF>0.98/115VAC, PF>0.95/230VAC, PF>0.94/277VAC at full load (Please refer to "Power Factor Characteristic" curve)								
	TOTAL HARMONIC DISTORTION THD< 20% when output loading ≧ 50% at 115VAC/230VAC input and output loading ≧ 75% at 277VAC input								
	91%	92.5%	93.5%	94%	94%	94.5%	95%	95%	95%
	91.5%	93%	94%	94.5%	94.5%	95%	95%	95%	95%
	AC CURRENT (Typ.) 3.5A / 115VAC 1.65A / 230VAC 1.45A / 277VAC								
	INRUSH CURRENT(Typ.) COLD START 70A(twidth=1010 μs measured at 50% Ipeak) at 230VAC								
	MAX. No. of PSUs on 16A CIRCUIT BREAKER 1 unit (circuit breaker of type B) / 2 units (circuit breaker of type C) at 230VAC								
	LEAKAGE CURRENT <0.75mA / 277VAC								
PROTECTION	OVER CURRENT Note.4 95 ~ 108% Protection type : Constant current limiting, recovers automatically after fault condition is removed								
	SHORT CIRCUIT Hiccup mode, recovers automatically after fault condition is removed								
	14 ~ 17V	17.5 ~ 21V	22.5 ~ 27V	27 ~ 33V	33 ~ 37V	40 ~ 46V	46.5 ~ 53V	53.5 ~ 60V	59 ~ 65V
	OVER VOLTAGE Protection type : Shut down and latch off o/p voltage, re-power on to recover								
	OVER TEMPERATURE Shut down and latch off o/p voltage, re-power on to recover								
ENVIRONMENT	WORKING TEMP. -40 ~ +70°C (Refer to "Derating Curve")								
	WORKING HUMIDITY 20 ~ 95% RH non-condensing								
	STORAGE TEMP., HUMIDITY -40 ~ +80°C, 10 ~ 95% RH								
	TEMP. COEFFICIENT ± 0.03%/°C (0 ~ 50°C)								
	VIBRATION 10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes								
SAFETY & EMC	SAFETY STANDARDS Note.7 UL8750, CSA C22.2 No. 250.0-08, EN61347-1, EN61347-2-13 independent, IP65 or IP67 (except for HLG-320H C type), J61347-1, J61347-2-13 (except for HLG-320H C type) approved								
	WITHSTAND VOLTAGE I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC								
	ISOLATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH								
	EMC EMISSION Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (≧ 50% load) ; EN61000-3-3								
	EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, light industry level (surge 4KV), criteria B								
OTHERS	MTBF 157.1K hrs min. MIL-HDBK-217F (25°C)								
	DIMENSION 252*90*43.8mm (L*W*H)								
	PACKING 1.88Kg, 8pcs/16Kg/0.92CUFT								
NOTE	<ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μf & 47μf parallel capacitor. Tolerance : includes set up tolerance, line regulation and load regulation. Please refer to "DRIVING METHODS OF LED MODULE". Derating may be needed under low input voltages. Please check the static characteristics for more details. A type and C type only. Safety and EMC design refer to EN60598-1, subject CNS15233, GB7000.1, FCC part18. Length of set up time is measured at cold first start. Turning ON/OFF the power supply may lead to increase of the set up time. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. Refer to warranty statement. To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains. 								