

Наличие и актуальные цены на

XLG-320-48-ABV

https://www.mean-

well.ru/store/XLG-320-48-ABV/































Features

- Wide input range 100~305VAC(class I)
- Full power output at 75~100% constant power mode operation
- Metal case with IP67, suitable for outdoor application
- Surge protection with 6KV/4KV
- 3 in 1 dimming (Dim-to-off and Isolation design)
- Protection Functions: OLP/SCP/OVP/OTP
- Compliance to EN60335-1 household application
- Lifetime>50,000 hours and 5 years warranty

Applications

- Bay lighting
- Stage lighting
- · Floodlight lighting
- Horticulture lighting
- Stadium lighting
- LED strip lighting (ABV type)
- Agricultural lighting (ABV type)
- DMX power supply
- Type "HL" for use in class I, Division 2
- · Household devices
- Retail and refrigerated display

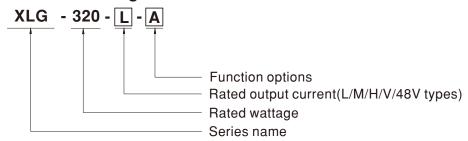
GTIN CODE

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

Description

XLG-320 series is a 315W LED AC/DC driver featuring with constant power mode. XLG-320 operates from 120~305VAC and offers models with different rated current ranging between 1050mA and 7420mA. Thanks to the high efficiency up to 94.5% with the fanless design, the entire series is able to operate for - $40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ case temperature under free air convection. The design of metal housing and IP67 ingress protection level allows this series to fit both indoor and outdoor applications. Moreover the innovative environment-adaptive capability allows this series to reliably light on the LEDs for all kinds of application environments in almost any spots that may install LED luminaires in the world. XLG-320 series comply with the latest version of IEC61347/GB19510.1 and UL8750 international safety regulations. The output and dimming circuit are also completely in accordance with the new regulations and isolation to ensure the safety of both user and luminaire system during installation.

■ Model Encoding



Type	IP Level	Function	Note
Blank	IP67	lo and Vo fixed.(For harsh environment)	By request
Α	IP67	Output constant power adjustable via built-in lo potentiometer	In Stock
AB	IP67	Output constant power adjustable via built-in lo potentiometer + 3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistance)	In Stock
ABV (48V only)	IP67	Vo adjustable via built-in potentiometer + 3 in 1 dimming function (Flicker free C.V. Dimming)	In Stock

Note: 1.V model is constant voltage operation without the AB type

2.48-V/48-BV types are available by modification version, please consult MEANWELL for detail.



SPECIFICATION

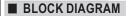
MODEL		XLG-320-L-	XLG-320-M-	XLG-320-H-	XLG-320-V-			
	RATED CURRENT (Default)	1400mA	2800mA	5600mA	13A/24V			
	RATED POWER Note.11	315W	310.8W	312W	24V/312W, 12V/216W			
	CONSTANT CURRENT REGION	150~300V	74 ~ 148V	30 ~ 56V	NC			
	OUTPUT VOLTAGE ADJ. RANGE	NC	NC	NC	24V or 12V			
	FULL POWER CURRENT RANGE	1050~1400mA	2100~2800mA	5570~7420mA	13~18A(24V/13A,12V/18A			
ОИТРИТ	OPEN CIRCUIT VOLTAGE (max.)	340V	180V	60V	NC NC			
	CURRENT ADJ. RANGE CURRENT RIPPLE	500~1400mA 5.0% max. @rated current	1050~2800mA 5.0 max. @rated current	2800~7420mA 5.0% max. @rated	NC NC NC			
	CURRENT TOLERANCE	±5%	±5%	±5%	NC NC			
	RIPPLE & NOISE(max.)	NC	NC	NC	240mV p-p			
	VOLTAGE TOLERANCE	NC	NC	NC NC	±3%			
	LINE REGULATION	NC	NC	NC NC	±0.5%			
	LOAD REGULATION	NC	NC	NC	±2%			
	SET UP TIME Note.9	500ms/230VAC, 1200ms/115VAC			1 1			
	RISE TIME, HOLD UP TIME (Typ.)	160ms/10ms/230VAC/115VAC(only for V-type)						
	VOLTAGE RANGE Note.2	100 ~ 305VAC 142VDC ~ 431VDC						
		(Please refer to "STATIC CHARACTERISTIC" ang "DRIVING METHODS OF LED MODULE"section)						
	FREQUENCY RANGE	47~63Hz						
	POWER FACTOR (Typ.)	PF≥0.98 / 115VAC, PF≥0.95 / 230VAC, PF≥0.92 / 277VAC at full load (Please refer to "Power Factor Characteristic" section)						
		(Please refer to "Power Factor Characteristic" section) THD<10% @load > 50% at 115VAC/230VAC. THD<15%@l pad>75% at 277VAC.						
	TOTAL HARMONIC DISTORTION	THD<10% @ load≥50% at 115VAC/230VAC, THD<15%@Load>75% at 277VAC; Please refer to "TOTAL HARMONIC DISTORTION (THD)" section						
INPUT	EFFICIENCY (Typ.)	94.5% 93.5% 92.5% 93.5% 93.5%						
	AC CURRENT (Typ.)	3A / 120VAC 1.6A / 230VAC	1.3A / 277VAC	122.77				
	INRUSH CURRENT(Typ.)	3A / 120VAC						
	MAX. NO. of PSUs on 16A	, , ,						
	CIRCUIT BREAKER	2 unit(circuit breaker of type B) / 4 units(circuit breaker of type C) at 230VAC						
	LEAKAGE CURRENT	<0.75mA / 277VAC						
	STANDBY POWER	Standby power consumption <0.5W for AB-Type(Dimming OFF)						
	CONSUMPTION Note.5			foult condition in a second				
	SHORT CIRCUIT	· ·	Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed					
	OVER VOLTAGE	350 ~ 380V 190 ~ 220V 63 ~ 78V 27 ~ 34V Shut down output voltage, re-power on to recovery						
ROTECTION								
ROTECTION	OVER TEMPERATURE Note.12	L/M/H-Type: Tcase>85°C ±5°C, derate power automatically V-Type: Shut down output voltage, re-power on to recover						
		v-Type: Shut down output voltage, re-power on to recover 108~135%(only for V-type)						
	OVER LOAD Note.11	Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed						
	WORKING TEMP.	Tcase=-40 ~ +85°C (Please refer to "OUTPUT LOAD vs TEMPERATURE" section)						
	MAX. CASE TEMP.	Tcase=+85°C		,				
	WORKING HUMIDITY	20 ~ 95% RH non-condensing						
IVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH non-condensing						
	TEMP. COEFFICIENT	-40 ~ +80 €, 10 ~ 95% RH non-condensing ±0.03%/°C (0 ~ 60°C)						
	VIBRATION	` '	iod for 72min. each along X, Y, Z ax	PS				
	SAFETY STANDARDS	UL8750(type"HL"), CSA C22.2 No. 250.13-12; ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384, EN/EN60335-1 compliant to EN 60335-2-89 Annex BB, EN 60335-2-24 Annex CC;GB19510.14; EAC TP TC 004; IP67; IS15885(Part2/Sec13)(except for blank type), KC61347-1, KC61347-2-13 approved						
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KV						
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M OI	hms / 500VDC / 25°C / 70% RH					
		Parameter	Standard		Test Level / Note			
				CISPR15),GB/T 17743				
		Conducted		•				
	EMC EMISSION	Radiated	BS EN/EN55015(C	CISPR15),GB/T 17743				
		Radiated Harmonic Current	BS EN/EN55015(C BS EN/EN61000-3	CISPR15),GB/T 17743 i-2 , GB17625.1	Class C @load≥50%			
CAFETY 9		Radiated Harmonic Current Voltage Flicker	BS EN/EN55015(C	CISPR15),GB/T 17743 i-2 , GB17625.1				
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547	BS EN/EN61000-3 BS EN/EN61000-3	CISPR15),GB/T 17743 i-2 , GB17625.1	Class C @load≥50%			
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3	CISPR15), GB/T 17743 2 , GB17625.1 3	Class C @load≥50% Test Level / Note			
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4-	CISPR15),GB/T 17743 2 , GB17625.1 3	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact			
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4- BS EN/EN61000-4-	CISPR15),GB/T 17743 2 , GB17625.1 3 2 3	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2			
	EMC EMISSION	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4 BS EN/EN61000-4 BS EN/EN61000-4	CISPR15), GB/T 17743 2 , GB17625.1 3 2 3 4	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3			
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4-	CISPR15), GB/T 17743 2 , GB17625.1 3 2 3 4 5	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth			
	EMC EMISSION	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4 BS EN/EN61000-4 BS EN/EN61000-4	CISPR15),GB/T 17743 2 , GB17625.1 3 2 3 4 5 6	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3			
SAFETY & EMC	EMC EMISSION	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4- BS EN/EN61000-4-	CISPR15),GB/T 17743 -2 , GB17625.1 -3 2 3 4 5 6 8	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
EMC	EMC EMISSION EMC IMMUNITY	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4	2: A Section 1: A	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4			
EMC	EMC EMISSION EMC IMMUNITY	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332 246*77*39.5mm (L*W*H)	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4	2: A Section 1: A	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
MC	EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-33: 246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 Standard BS EN/EN61000-4	2: GBPR15),GB/T 177432 , GB17625.1323456811HDBK-217F (25°C)	Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
	EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially mentio 2. De-rating may be needed under low 3. The driver is considered as a compo the final equipment manufacturers m (as available on https://www.meanwel. 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwell.com/Upload/P9. Products sourced from the Americas 10. Some products may not have the B 10. Some product	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT ned are measured at 230VAC input, ra input voltages. Please refer to "STATIC nent that will be operated in combinatioust re-qualify EMC Directive on the consult.com/Upload/PDF/EMI_statement_eectancy=50,000 hours of operation whrP regulation for lighting fixture, this LE nt of the consultation of the consultati	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 BS EN/EN61000-4 BS EN/	CISPR15), GB/T 17743 -2 , GB17625.1 -3 2 3 4 5 6 8 -11 HDBK-217F (25°C) HDBK-217F (25°C)	Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods the complete installation, the complete to the mains. 10m(6500ft).			
OTHERS	EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specially mention 2. De-rating may be needed under low 3. The driver is considered as a component of the final equipment manufacturers in (as available on https://www.meanwel. 4. This series meets the typical life eyp 5. To fulfill requirements of the latest E 6. Please refer to the warranty stateme 7. The ambient temperature derating of 8. For any application note and IP wate https://www.meanwell.com/Upload/P 9. Products sourced from the Americas 10. Some products may not have the 8 11. The output voltage of the V Type de 12. When the secondary OTP falls, the 13. When the secondary OTP falls, the 13. When the secondary OTP falls, the 13. When the secondary or voluntary bas 14. V.H type:RCM is on a voluntary bas 14. V.H type:RCM is on a voluntary bas 15.	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-33: 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT med are measured at 230VAC input, ra input voltages. Please refer to "STATIC ment that will be operated in combinatic ust re-qualify EMC Directive on the core ill.com/Upload/PDF/EML jatement, ectancy >50,000 hours of operation with 7P regulation for lighting fixture, this LE on the MEAN WELL's website at http://wi.3.5C/1000m with fanless models and or proof function installation caution, ple DF/LED_EN.pdf regions may not have the ENEC/CCC. IS logo, please contact your MEAN WELL's used to the core in the control of t	BS EN/EN55015(C BS EN/EN61000-3 BS EN/EN61000-3 BS EN/EN61000-4 BS EN/EN61000-	CISPR15),GB/T 17743 -2 , GB17625.1 -3 -2 -3 -4 -5 -6 -8 -11 HDBK-217F (25°C)	Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods the complete installation, the complete installation, and (6500ft). on.			

312W Constant Voltage LED Driver

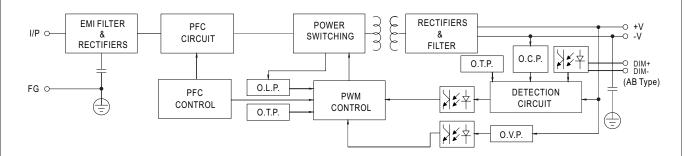
SPECIFICATION

MODEL		XLG-320-48-ABV					
	RATED CURRENT	6.5A					
	RATED POWER (Max.)	312W					
	DC VOLTAGE	48V(Adjustable 43.2~52.8V)					
	RIPPLE & NOISE(max.)	250mVp-p					
DUTPUT	VOLTAGE TOLERANCE	生2.0%					
	LINE REGULATION	$\pm 0.5\%$					
	LOAD REGULATION	±0.5%					
	DIMMING TOLERANCE	±4%					
	SET UP TIME Note.9	500ms/230VAC, 1200ms/115VAC					
	RISE TIME, HOLD UP TIME (Typ.)	160ms,10ms/230VAC/115VAC					
		100 ~ 305VAC 142VDC ~ 431VDC					
	VOLTAGE RANGE Note.2	(Please refer to "STATIC CHARACTERISTIC")					
	FREQUENCY RANGE	47 ~ 63Hz					
	POWER FACTOR (Typ.)	PF≥0.98 / 115VAC, PF≥0.95 / 230VAC, PF≥0.92 / 277VAC at full load					
	TOTAL HARMONIC DISTORTION	THD<10% @ load≥50% at 115VAC/230VAC, THD<15%@Load>75% at 277VAC;					
	EFFICIENCY (Typ.)	93.5%					
INFOI	AC CURRENT (Typ.)						
		3A / 120VAC 1.6A / 230VAC 1.3A / 277VAC					
	INRUSH CURRENT(Typ.)	COLD START 45A(twidth=1200µs measured at 50% Ipeak) at 230VAC; Per NEMA 410					
	MAX. NO. of PSUs on 16A	2 unit(circuit breaker of type B) / 4 units(circuit breaker of type C) at 230VAC					
	CIRCUIT BREAKER						
	LEAKAGE CURRENT	<0.75mA / 277VAC					
	STANDBY POWER CONSUMPTION	Standby power consumption <0.5W for ABV/BV-Type(Dimming OFF)					
	SHORT CIRCUIT	Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed					
	OVERVOLTAGE	54 ~ 60V					
	OVER VOLTAGE	Shut down output voltage, re-power on to recovery					
ROTECTION	OVER TEMPERATURE Note.10	Shut down output voltage, re-power on to recovery					
		105~135%					
	OVER LOAD	Hiccup mode or Constant current limiting, recovers automatically after fault condition is removed					
	WORKING TEMP						
	WORKING TEMP.	Tcase=-20 ~ +85°C (Please refer to "OUTPUT	LOAD vs TEMPERATURE" section)				
	MAX. CASE TEMP.	Tcase=+85℃					
VIRONMENT	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
· · · · · · · · · · · · · · · · · · ·	STORAGE TEMP., HUMIDITY	-20 ~ +80°C, 10 ~ 95% RH non-condensing					
	TEMP. COEFFICIENT	±0.03%/°C (0~60°C)					
-		, , ,					
	VIRRATION	, ,	in each along X Y 7 axes				
	VIBRATION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m	• • • • • • • • • • • • • • • • • • • •	L L. DO ENTENDODA			
	VIBRATION SAFETY STANDARDS	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12;	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in	ndependent, BS EN/EN62384;			
	SAFETY STANDARDS	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1,	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved	ndependent, BS EN/EN62384;			
	SAFETY STANDARDS WITHSTAND VOLTAGE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2 / Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC	ndependent, BS EN/EN62384;			
	SAFETY STANDARDS	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2 / Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C/70% RH				
	SAFETY STANDARDS WITHSTAND VOLTAGE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2 / Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved GC:1.5KVAC DC / 25°C/ 70% RH Standard	ndependent, BS EN/EN62384; Test Level / Note			
	SAFETY STANDARDS WITHSTAND VOLTAGE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2 / Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C/70% RH				
	SAFETY STANDARDS WITHSTAND VOLTAGE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2 / Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved GC:1.5KVAC DC / 25°C/ 70% RH Standard	Test Level / Note			
CAFETY 9	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2 / Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15),GB/T 17743	Test Level / Note			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15),GB/T 17743 BS EN/EN55015(CISPR15),GB/T 17743 BS EN/EN61000-3-2, GB17625.1	Test Level / Note			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15),GB/T 17743 BS EN/EN55015(CISPR15),GB/T 17743	Test Level / Note Class C @load≥50%			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3	Test Level / Note Class C @load≥50%			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3	Test Level / Note Class C @load≥50% Test Level / Note			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:25°C/70% RH Standard BS EN/EN55015(CISPR15),GB/T 17743 BS EN/EN55015(CISPR15),GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN561000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2			
SAFETY & EMC	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C/ 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN561000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4			
	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
EMC	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
EMC	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H)	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved FG:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-8 BS EN/EN61000-4-11	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
EMC	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore);	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C: / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C)	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods,			
OTHERS	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. De-rating may be needed under lo	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated curve input voltages. Please refer to "STATIC CHA	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:2.5°C/70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C)	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
DTHERS	SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION 1. All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a comp.	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cut winput voltages. Please refer to "STATIC CHAAponent that will be operated in combination with	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrent and 25°C of ambient temperature. RACTERISTIC" sections for details.	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
OTHERS	EMC IMMUNITY MTBF DIMENSION MTBF DIMENSION All parameters NOT specially men 2. De-rating may be needed under low the final equipment manufacturers the final equipment manufacturers with the final equipment manufacturers.	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cut winput voltages. Please refer to "STATIC CHAPonent that will be operated in combination with must re-qualify EMC Directive on the complete	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C: / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C)	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
OTHERS	EMC IMMUNITY MTBF DIMENSION All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a com the final equipment manufacturers (as available on https://www.mean	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated curvingual for must re-qualify EMC Directive on the complete inwell.com/Upload/PDF/EMI_statement_en.pdf;	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C: / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C)	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods			
OTHERS	EMC IMMUNITY MTBF DIMENSION MTBF DIMENSION A. All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a com the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cue input voltages. Please refer to "STATIC CHA ponent that will be operated in combination with the must re-qualify EMC Directive on the complete invell.com//Upload/PDF/EMI_statement_en.pdf; xvpectancy > 50.000 hours of operation when Tc. ErP regulation for lighting fixture, this LED drive.	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C: / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrrent and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a pinstallation again. Jase, particularly @ point (or TMP, per DLC), is 75°ter can only be used behind a switch without permare.	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less.			
OTHERS	EMC IMMUNITY MTBF DIMENSION All parameters NOT specially men 2. De-rating may be needed under lot shown the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest 6. Please refer to the warranty stater	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cum input voltages. Please refer to "STATIC CHA ponent that will be operated in combination with imust re-qualify EMC Directive on the complete well.com//Upload/PDF/EMI_statement_en.pdf; xpectancy >50,000 hours of operation when To Err Pregulation for lighting fixture, this LED drivent on MEAN WELL's website at http://www.rm.	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C: / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) International Computation of Market State Sta	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains.			
OTHERS	EMC IMMUNITY MTBF DIMENSION A la parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a com the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest 6. Please refer to the warranty stater 7. The ambient temperature derating 7. The ambient temperature derating	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated curving the continuation with a must re-qualify EMC Directive on the complete results and the continuation with a must re-qualify EMC Directive on the complete results and the continuation of 3.5°C/1000m with fanless models and of 5°C record of 5°C/1000m with fanless models and of 5°C record of 5°C/1000m with fanless models and of 5°C record of 5°C/1000m with fanless models and of 5°C record of 5°C/1000m with fanless models and of 5°C record of 5°	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:2.5°C/70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrrent and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a pinstallation again. 21000m with fan models for operating altitude high	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains.			
OTHERS	MITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a con the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest 6. Please refer to the warranty stater 7. The ambient temperature derating 8. For any application note and IP we	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated ct. winput voltages. Please refer to "STATIC CHA ponent that will be operated in combination with is must re-qualify EMC Directive on the complete well.com//Upload/PDF/EMI_statement_en.pdf; xpectancy > 50,000 hours of operation when Tc. EFP regulation for lighting fixture, this LED drivment on MEAN WELL's website at http://www.m.rot.stater.proof function installation caution, please refore proof function installation caution, please refored.	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:2.5°C/70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrrent and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a pinstallation again. 21000m with fan models for operating altitude high	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains.			
OTHERS	EMC IMMUNITY MTBF DIMENSION MTBF DIMENSION All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a compute final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e. 5. To fulfill requirements of the latest 6. Please refer to the warranty stater 7. The ambient temperature derating 8. For any application note and IP was https://www.meanwell.com/Upload	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cum input voltages. Please refer to "STATIC CHA ponent that will be operated in combination with must re-qualify EMC Directive on the complete invell.com//Upload/PDF/EMI_statement_en.pdf/spectare proof function installation caution, please refered/PDF/LED_EN.pdf	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:2.5°C/70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrent and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a particularly (a) point (or TMP, per DLC), is 75°C recan only be used behind a switch without permater and composition of the permater and section of	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. amently connected to the mains. are than 2000m(6500ft).			
	EMC IMMUNITY MTBF DIMENSION All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a com, the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest of the la	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cut winput voltages. Please refer to "STATIC CHA ponent that will be operated in combination with imust re-qualify EMC Directive on the complete well.com//Upload/PDF/EMI_statement_en.pdf; xpectancy >50,000 hours of operation when To tePr pegulation for lighting fixture, this LED drivenent on MEAN WELL's website at http://www.miof 3.5°C/1000m with fanless models and of 5°C atter proof function installation caution, please ref/PDF/LED_EN.pdf as regions may not have the ENEC/CCC/KC lo	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:2.5°C/70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrrent and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a pinstallation again. 21000m with fan models for operating altitude high	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains. er than 2000m(6500ft).			
OTHERS	EMC IMMUNITY MTBF DIMENSION MTBF DIMENSION MTBF Dimension PACKING 1. All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a com the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest 6. Please refer to the warranty stater 7. The ambient temperature derating 8. For any application note and IP whitps://www.meanwell.com/Upload 9. Products sourced from the America 10. When the secondary OTP fails, till 11. Ripple & noise are measured at 2.	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg:9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cue input voltages. Please refer to "STATIC CHA ponent that will be operated in combination with the must re-qualify EMC Directive on the complete invell.com//Upload/PDF/EMI_statement_en.pdf; xpectancy > 50.000 hours of operation when Tc. EFP regulation for lighting fixture, this LED drivment on MEAN WELL's website at http://www.mof 3.5*C/1000m with fanless models and of 5*C atter proof function installation caution, please ref/PDF/LED_EN.pdf as regions may not have the ENEC/CCC/KC lo here is also a primary OTP, which is protected by 20MHz of bandwidth by using a 12" twisted pair	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:7.25°C/70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrent and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a point and a switch without perma teanwell.com 21000m with fan models for operating altitude high effer our user manual before using. go. Please contact your MEAN WELL sales for mo	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains. ter than 2000m(6500ft).			
OTHERS	EMC IMMUNITY MTBF DIMENSION All parameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a com, the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest of the la	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cum input voltages. Please refer to "STATIC CHA ponent that will be operated in combination with imust re-qualify EMC Directive on the complete invell.com//Upload/PDF/EMI_statement_en.pdf; xpectancy >50,000 hours of operation when To: EFP regulation for lighting fixture, this LED drivent on MEAN WELL's website at http://www.mof 3.5°C/1000m with fanless models and of 5°C after proof function installation caution, please refered in salso a primary OTP, which is protected be 20MHz of bandwidth by using a 12" twisted pair ODS OF LED MODULE".	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC DC / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Interest and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a point in the properation of the properati	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains. are than 2000m(6500ft).			
OTHERS	EMC EMISSION MTBF DIMENSION A liparameters NOT specially men 2. De-rating may be needed under lo 3. The driver is considered as a com the final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest 6. Please refer to the warranty stater 7. The ambient temperature derating 8. For any application note and IP we https://www.meanwell.com/Upload 9. Products sourced from the Americ 10. When the secondary OTP fails, ti 11. Ripple & noise are measured at 2 12. Please refer to "DRIVING METH" 13. 48 type:RCM is on a voluntary ba	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cut winput voltages. Please refer to "STATIC CHA ponent that will be operated in combination with must re-qualify EMC Directive on the complete will comi/Upload/PDF/EMI_statement_en.pdf, xpectancy >50,000 hours of operation when To EFP regulation for lighting fixture, this LED drivment on MEAN WELL's website at http://www.m.ord.s.5*C/1000m with fanless models and of 5*Cater proof function installation caution, please refer is also a primary OTP, which is protected it 20MHz of bandwidth by using a 12" twisted pair 0DS OF LED MODULE".	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C:2.5°C/70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Irrent and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a point and a switch without perma recan only be used behind a switch without perma recannell.com C1000m with fan models for operating altitude high after our user manual before using. go. Please contact your MEAN WELL sales for mony Shut down output voltage, re-power on to recove-wire terminated with a 0.1uf & 47uf parallel capacitator of the content o	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains. are than 2000m(6500ft).			
OTHERS	MITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. De-rating may be needed under lot 3. The driver is considered as a compthe final equipment manufacturers (as available on https://www.mean 4. This series meets the typical life e 5. To fulfill requirements of the latest of Please refer to the warranty stater 7. The ambient temperature derating 8. For any application note and IP we https://www.meanwell.com/Upload 9. Products sourced from the Americ 10. When the secondary OTP fails, tt 11. Ripple & noise are measured at 2 12. Please refer to "DRIVING METH' 13. 48 type:RCM is on a voluntary be 14. Products sourced from the China	10 ~ 500Hz, 5G 12min./1cycle, period for 72m UL8750(type"HL"), CSA C22.2 No. 250.13-12; IS15885(Part2/Sec13)(Note 14), GB19510.1, I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-F I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VI Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 1476.4K hrs min. Telcordia SR-332(Bellcore); 246*77*39.5mm (L*W*H) 1.45Kg;9pcs/14Kg/0.76CUFT tioned are measured at 230VAC input, rated cut winput voltages. Please refer to "STATIC CHA ponent that will be operated in combination with must re-qualify EMC Directive on the complete will comi/Upload/PDF/EMI_statement_en.pdf, xpectancy >50,000 hours of operation when To EFP regulation for lighting fixture, this LED drivment on MEAN WELL's website at http://www.m.ord.s.5*C/1000m with fanless models and of 5*Cater proof function installation caution, please refer is also a primary OTP, which is protected it 20MHz of bandwidth by using a 12" twisted pair 0DS OF LED MODULE".	ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 in GB19510.14;EAC TP TC 004; IP67 approved G:1.5KVAC C: / 25°C / 70% RH Standard BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN55015(CISPR15), GB/T 17743 BS EN/EN61000-3-2, GB17625.1 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 168.1 K hrs min. MIL-HDBK-217F (25°C) Interest and 25°C of ambient temperature. RACTERISTIC" sections for details. In final equipment. Since EMC performance will be a pinstallation again. Jase, particularly point (or TMP, per DLC), is 75°C and only be used behind a switch without perma teanwell.com John Common Standard	Test Level / Note Class C @load≥50% Test Level / Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 3 4KV/Line-Line 6KV/Line-Earth Level 2 Level 4 >95% dip 0.5 periods, 30% dip 25 periods, >95% interruptions 250 periods affected by the complete installation, C or less. anently connected to the mains. are than 2000m(6500ft).			



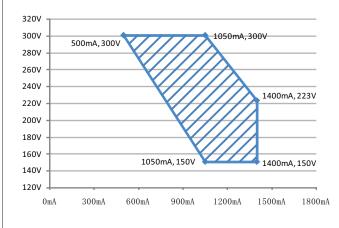


PFC fosc : 45KHz PWM fosc : 100KHz

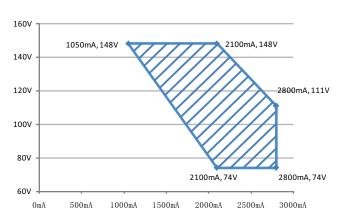


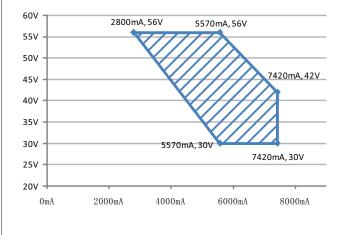
■ DRIVING METHODS OF LED MODULE

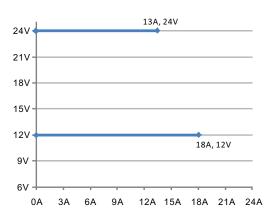




XLG-320-M



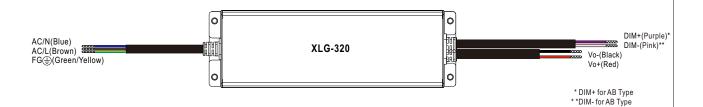




🔆 V type output voltage adjustable via biult-in potentiometer

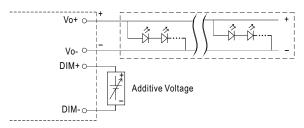


■ DIMMING OPERATION



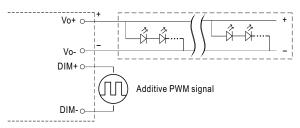
※ 3 in 1 dimming function (for AB-Type)

- 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 μ A (typ.)



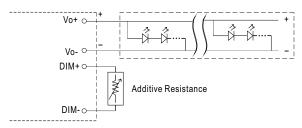
"DO NOT connect "DIM- to Vo-"

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

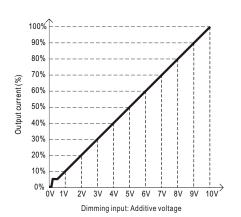


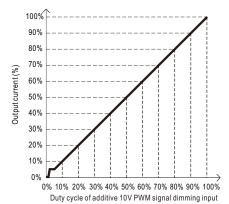
"DO NOT connect "DIM- to Vo-"

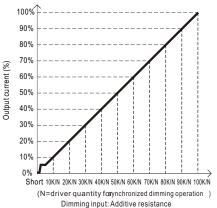
O Applying additive resistance:



"DO NOT connect "DIM- to Vo-"





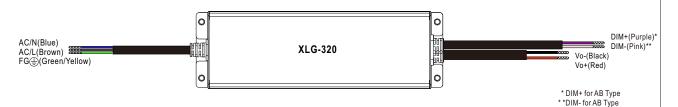


Note : 1. Min. dimming level is about 8% and the output current is not defined when 0% lout <8%

- 2. The output current could drop down to 0% when dimming input is about 0Ω or 0Vdc, or 10V PWM signal with 0% duty cycle.
- 3. When PWM frequency >2K HZ ,the lighting will be triggered at 10~15% PWM duty

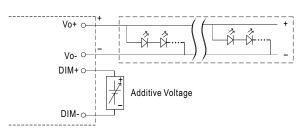


■ DIMMING OPERATION



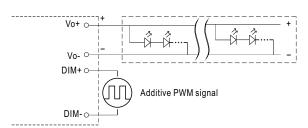
※ 3 in 1 dimming function (for ABV-Type)

- Output constant voltage 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: 100µA (typ.)
- O Applying additive 0 ~ 10VDC



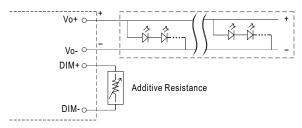
"DO NOT connect "DIM- to Vo-"

O Applying additive 10V PWM signal (frequency range 200Hz ~ 3KHz):

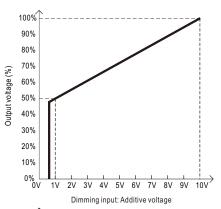


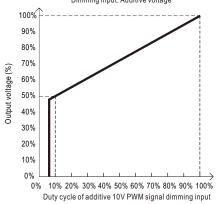
"DO NOT connect "DIM- to Vo-"

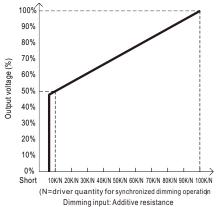
O Applying additive resistance:



"DO NOT connect "DIM- to Vo-"



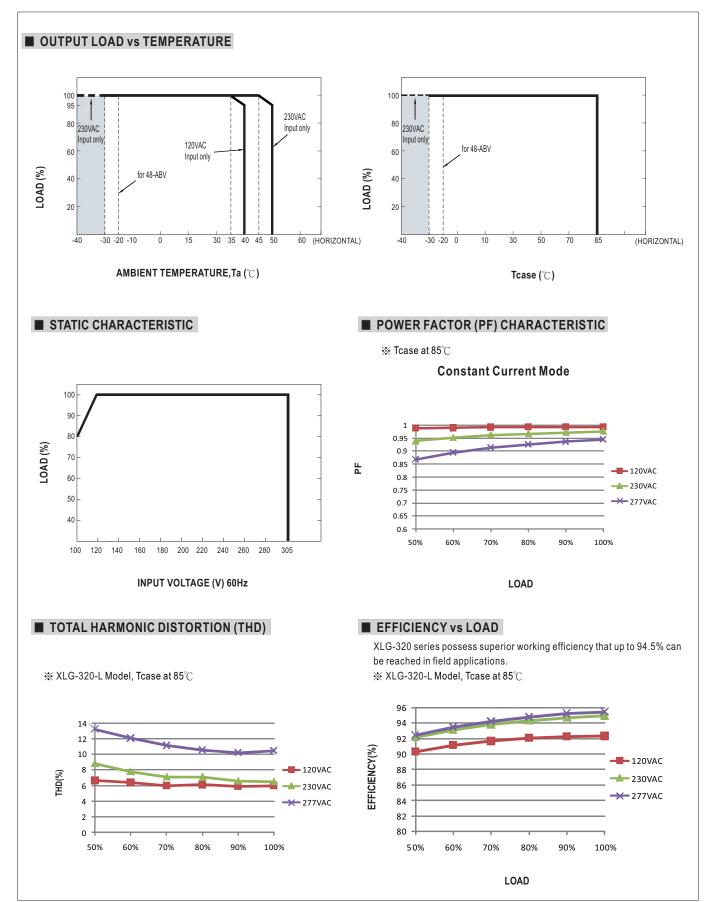




Note: 1. Min. dimming level is about 50% of output voltage and the output voltage is not defined when Vout < 50%

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



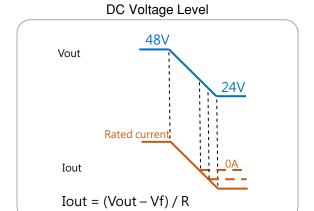




■ CONSTANT VOLTAGE DIMMING OPERATION:

48-ABV type

Note: flicker free design for agricultural lighting flicker free design for Indoor LED strip lighting



(Not a PWM style output)

■ LIFE TIME

