



■ GTIN CODE

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

SPECIFICATION

MODEL	LPHC-18-350		LPHC-18-700
OUTPUT	RATED CURRENT	350mA	700mA
	CONSTANT CURRENT REGION	6~48V	6~25V
	RATED POWER	16.8W	17.5W
	CURRENT RIPPLE Note.2	±5%	
	VOLTAGE TOLERANCE	±5.0%	
	CURRENT ACCURACY	±8.0%	
	SETUP, RISE TIME	3600ms, 100ms / 230VAC	
INPUT	HOLD UP TIME (Typ.)	20ms/230VAC at full load	
	VOLTAGE RANGE	180 ~ 264VAC 254 ~ 370VDC	
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY(Typ.)	80%	80%
	AC CURRENT	0.3A/230VAC	
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=190μs measured at 50% Ipeak) at 230VAC	
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	13 units (circuit breaker of type B) / 22 units (circuit breaker of type C) at 230VAC	
PROTECTION	LEAKAGE CURRENT	0.25mA / 240VAC	
	OVER VOLTAGE	50.4~ 60V	28.75~ 33.75V
		Protection type : Shut off o/p voltage, clamping by zener diode	
	OVER TEMPERATURE	T _j 170°C typically (U1) Detect on main control IC	
		Protection type : Hiccup mode, recovers automatically after temperature goes down	
ENVIRONMENT	WORKING TEMP.	-30~ +70°C (Refer to "Derating Curve")	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.2%/°C (0 ~ 50°C)	
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
SAFETY & EMC (Note 5)	SAFETY STANDARDS	BIS IS15885, EAC TP TC 004, IP67,LVD BS EN/EN62368-1 approved; design refer to UL1310 Class 2, CAN/CSA C22.2 No. 223-M91	
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC	
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C / 70% RH	
	EMC EMISSION	Compliance to BS EN/EN55032 (CISPR32) Class A, BS EN/EN61000-3-2 Class A, BS EN/EN61000-3-3, EAC TP TC 020	
	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level, EAC TP TC 020	
OTHERS	MTBF	7399.9K hrs min. Telcordia SR-332 (Bellcore) ; 1086.9Khrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	140*30*22(L*W*H)	
	PACKING	0.175Kg; 70pcs/13.3Kgs/0.71CUFT	
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.		
	2. Current ripple is measured 60%~100% of maximum voltage under rated power delivery.		
	3. Derating may be needed under low input voltage. Please check the static characteristic for more details.		
	4. 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. (as available on https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf)		
	5. Suitable for indoor use or outdoor use without direct sunlight exposure.		
	6. This product is not intended for LED applications in the EU and China.(In the EU NPF/LPF/XLG series are recommended.)		
	※ Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx		

User's Manual



LPS IP67 IS15885 CE UK

LPS

IP67

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CE

UK

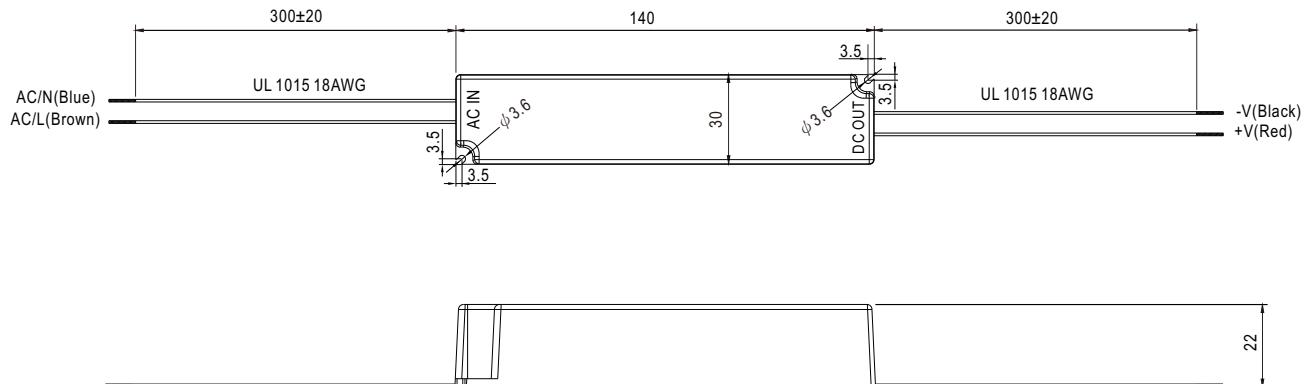
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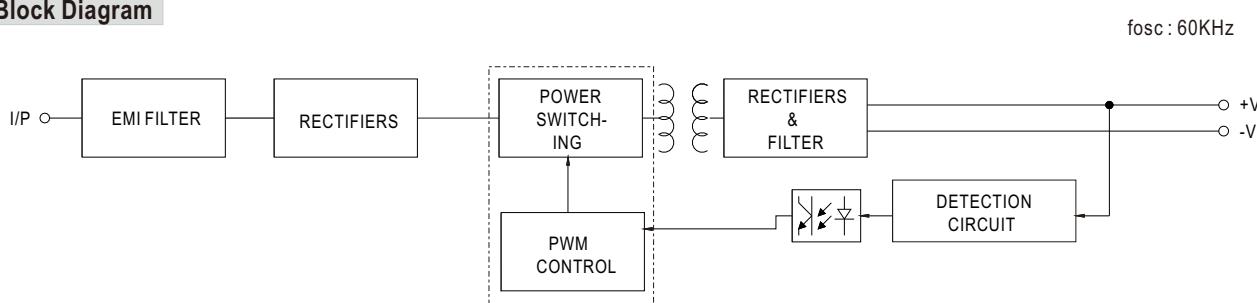
■ Mechanical Specification

 Unit:mm Tolerance: ± 1


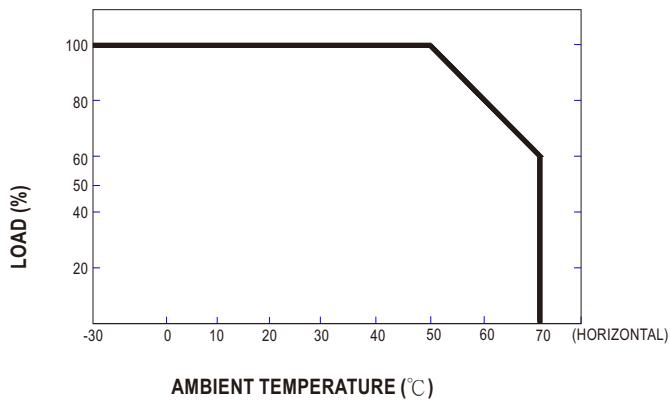
■ Recommend Mounting Direction



■ Block Diagram



■ Derating Curve



■ Static Characteristics

