



■ Features :

- Constant current mode power supply
- 180-264VAC input only
- Fully encapsulated with IP67 level (Note.6)
- Protections:Short circuit / Over voltage / Over temperature
- Cooling by free air convection
- Class II power unit, no FG
- Pass LPS
- 100% full load burn-in test
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)
- High reliability / Low cost
- 2 years warranty



SPECIFICATION

	LPHC-18-350	LPHC-18-700
ATED CURRENT	350mA	700mA
C VOLTAGE RANGE	6~48V	6~25V
ATED POWER	OWER 16.8W 17.5W	
IPPLE & NOISE (max.) Note.2	300mVp-p	250mVp-p
OLTAGE TOLERANCE Note.3	±5.0% ±8.0%	
URRENT ACCURACY		
NE REGULATION	±1.0%	
OAD REGULATION	±3.0%	
ETUP, RISE TIME	3600ms, 100ms / 230VAC	
OLD UP TIME (Typ.)	20ms/230VAC at full load	
OLTAGE RANGE	180 ~ 264VAC 254 ~ 370VDC	
REQUENCY RANGE	47 ~ 63Hz	
FFICIENCY(Typ.)	80%	80%
C CURRENT	0.3A/230VAC	
IRUSH CURRENT(Typ.)	COLD START 50A(twidth=190µs measured at 50% Ipeak) at 230VAC	
AX. No. of PSUs on 16A IRCUIT BREAKER	13 units (circuit breaker of type B) / 22 units (circuit breaker of type C) at 230VAC	
EAKAGE 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	Tj 170°C typically (U1) Detect on main control IC	
	Protection type: Hiccup mode, recovers automatically after temperature goes down	
ORKING TEMP.	-30~ +70°C (Refer to "Derating Curve")	
ORKING HUMIDITY	20 ~ 90% RH non-condensing	
TORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH	
EMP. COEFFICIENT	±0.2%/°C (0 ~ 50°C)	
BRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
AFETY STANDARDS	BIS IS15885, EAC TP TC 004, IP67 approved; design refer to UL1310 Class 2,TUV EN60950-1, CAN/CSA C22.2 No. 223-M91	
THSTAND VOLTAGE	I/P-O/P:3KVAC	
OLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C / 70% RH	
MC EMISSION	Compliance to EN55032 (CISPR32) Class A, EN61000-3-2 Class A, EN61000-3-3, EAC TP TC 020	
MC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level	
TBF	1200.6K hrs min. MIL-HDBK-217F (25°C)	
IMENSION	140*30*22(L*W*H)	
ACKING	0.175Kg; 70pcs/13.3Kgs/0.71CUFT	
. All parameters NOT specials. Ripple & noise are measure. Tolerance: includes set up. Derating may be needed up. The power supply is consict complete installation, the fig. Suitable for indoor use or complete.	Illy mentioned are measured at 230VAC input, rated load and 25°C or ed at 20MHz of bandwidth by using a 12" twisted pair-wire terminated tolerance, line regulation and load regulation. Inder low input voltage. Please check the static characteristic for more lered as a component that will be operated in combination with final equipment manufacturers must re-qualify EMC Directive on the countries of the countries	d with a 0.1uf & 47uf parallel capacitor. details. equipment. Since EMC performance will be affected by the omplete installation again.
Ripple &TolerandDeratingThe poverompletSuitable	a noise are measure be : includes set up g may be needed u wer supply is consic e installation, the fir for indoor use or c	a noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated be: includes set up tolerance, line regulation and load regulation. If may be needed under low input voltage. Please check the static characteristic for more wer supply is considered as a component that will be operated in combination with final epinstallation, the final equipment manufacturers must re-qualify EMC Directive on the conformation of the confo



