



Наличие и актуальные цены на

**LPC-20-700**

<https://www.mean-well.ru/store/LPC-20-700/>



### Features :

- Constant current design
- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Over voltage
- Cooling by free air convection
- Small and compact size
- Fully encapsulated with IP67 level (Note.6)
- Fully isolated plastic case
- Class II power unit, no FG
- Class 2 power unit
- Pass LPS
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.9)
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty

User's Manual



### GTIN CODE

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

### SPECIFICATION



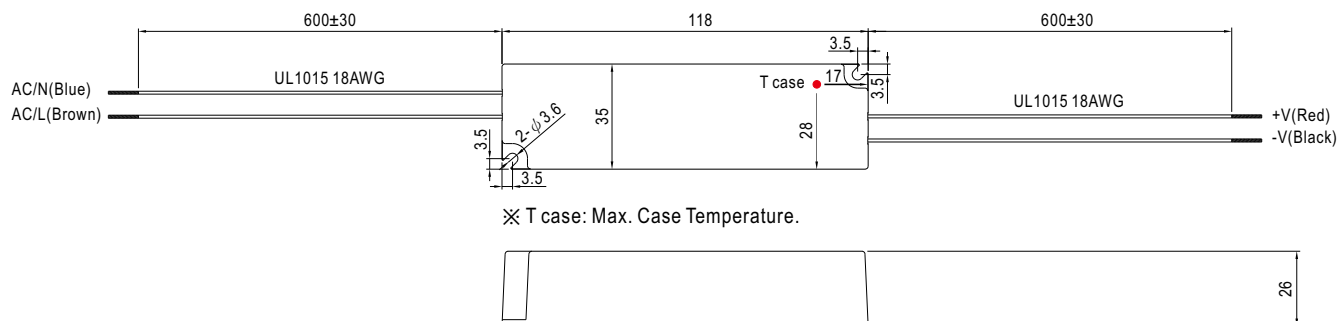
MODEL		LPC-20-350		LPC-20-700		
OUTPUT	RATED CURRENT	350mA		700mA		
	CONSTANT CURRENT REGION	9 ~ 48V		9 ~ 30V		
	RATED POWER	16.8W		21W		
	CURRENT RIPPLE	Note.2	±5%			
	VOLTAGE TOLERANCE	±5.0%				
	CURRENT ACCURACY	±5.0%				
	SETUP, RISE TIME	Note.5	500ms, 250ms / 230VAC    500ms, 250ms / 115VAC at full load			
	HOLD UP TIME (Typ.)	50ms/230VAC    16ms/115VAC at full load				
INPUT	VOLTAGE RANGE	Note.3	90 ~ 264VAC    127 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	83%				
	AC CURRENT (Typ.)	0.55A/115VAC    0.35A/230VAC				
	INRUSH CURRENT(Typ.)	COLD START 70A(twidth=220μs measured at 50% Ipeak) at 230VAC				
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	8 units (circuit breaker of type B) / 14 units (circuit breaker of type C) at 230VAC				
	LEAKAGE CURRENT	0.25mA / 240VAC				
PROTECTION	OVER VOLTAGE	50.4 ~ 60V		31.5 ~ 40.5V		
		Protection type : Shut off o/p voltage, clamping by zener diode				
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	±0.03%/°C (0 ~ 50°C)				
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
SAFETY & EMC	SAFETY STANDARDS	UL879, UL1310 , CSA C22.2 No. 207-M89(except for LPC-20-350), CAN/CSA C22.2 No. 223-M91(except for LPC-20-350), IEC/BS EN/EN 62368-1, EAC TP TC 004, IP67 approved				
	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 B, 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	5708.9K hrs min. Telcordia SR-332 (Bellcore) ; 700.1K hrs min. MIL-HDBK-217F (25°C)				
	DIMENSION	118*35*26mm (L*W*H)				
	PACKING	0.22Kg; 60pcs/14.2Kg/0.72CUFT				
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Current ripple is measured 60%~100% of maximum voltage under rated power delivery.</p> <p>3. Derating may be needed under low input voltage. Please check the static characteristics for more details.</p> <p>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 <a href="https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf">https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf</a>)</p> <p>5. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.</p> <p>6. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.</p> <p>7. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).</p> <p>8. For any application note and IP water proof function installation caution, please refer our user manual before using. <a href="https://www.meanwell.com/Upload/PDF/LED_EN.pdf">https://www.meanwell.com/Upload/PDF/LED_EN.pdf</a></p> <p>9. This product is not intended for LED lighting luminaire applications in the EU and China.(In the EU and China the LPF/NPF/XLG/XLC/XLN series are recommended.)</p> <p>※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a></p>					

## ■ Mechanical Specification

Case No. 972A

Unit:mm

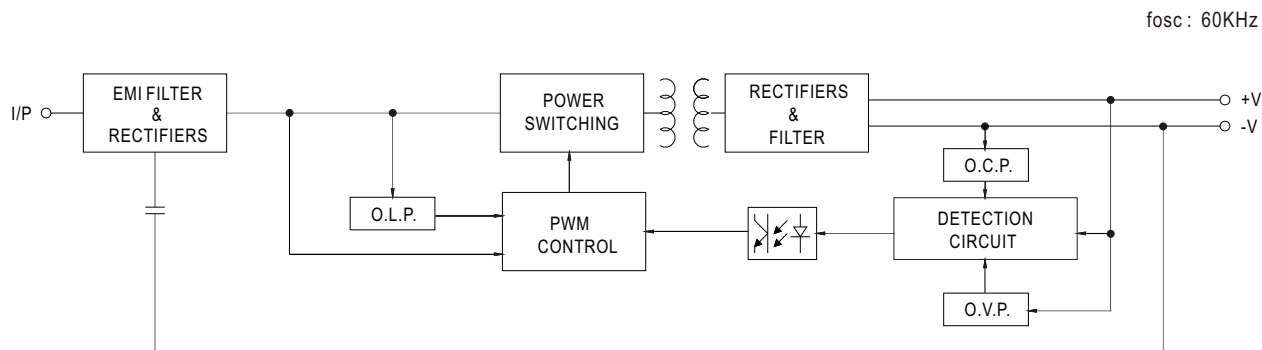
Tolerance:  $\pm 1$



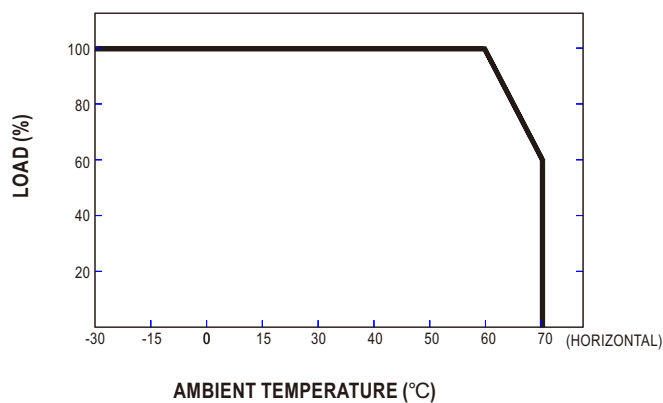
■ Recommend Mounting Direction



### ■ Block Diagram



### Derating Curve



### ■ Static Characteristics

