

Наличие и актуальные цены на

LPC-150-2100

https://www.mean-well.ru/store/LPC-150-2100/



150W Single Output LED Power Supply

LPC-150 series



GTIN CODE

Features :

- Constant current design
- 180~305VAC input only
- High efficiency up to 90%
- Protections: Short circuit / Over voltage / Over temperature
- Cooling by free air convection
- Fully encapsulated with IP67 level (Note.6)
- Fully isolated plastic case
- Class II power unit, no FG
- Suitable for LED related fixture or appliance
- (such as LED Decoration or Advertisement devices)(Note.9)
- 100% full load burn-in test

User's Manual ದೇ ಸಿ 🗖 æ

* 2 years warranty (Note 4) IPG 7 IPG 7 <th< th=""><th>W Sea</th><th>arch: <u>https://www.meanwell.com</u></th><th>n/serviceGTIN.</th><th><u>aspx</u></th><th>• Low c</th><th colspan="4"> Low cost, high reliability </th><th colspan="4">IS 15885(Part 2/Sec13)</th></th<>	W Sea	arch: <u>https://www.meanwell.com</u>	n/serviceGTIN.	<u>aspx</u>	• Low c	 Low cost, high reliability 				IS 15885(Part 2/Sec13)			
MODEL LPC.150.300 LPC.150.400 LPC.150.400 LPC.150.4700 LPC.150.4700 <thlpc.150.4700< th=""> LPC.150.4700</thlpc.150.4700<>					• 2 yea	rs warrant	y (Note.4)		8	·			
RATED CURRENT CURRENT ACCURACY 350mA 500mA 700mA 1400mA 1750mA 2100mA 2450mA CURRENT ACCURACY 150.% 150 - 300V 107 - 215V 72V - 144V 54V - 108V 43V - 86V 36V - 72V 31V - 62V RATED POWEN 150.W 150.W 150.W 151.2W 151.2W 150.2W 151.2W 151.2W </th <th colspan="3">SPECIFICATION</th> <th></th> <th></th> <th></th> <th>IP67</th> <th>7 🔲 (for 700r</th> <th>R-41027766 nA,1050mA,1400mA,28</th> <th>00mA only)</th> <th>ં૮૯ય</th> <th>à C B</th>	SPECIFICATION						IP67	7 🔲 (for 700r	R-41027766 nA,1050mA,1400mA,28	00mA only)	ં૮૯ય	à C B	
CURRENT ACCURACY ±5.0% 150 - 300V 107V - 215V 72V - 144V 54V - 108V 43V - 86V 36V - 72V 31V - 62X RATED POWER 150.5W 150.W 150.W 151.2W 151.2W 150.5W 151.2W 151.2W 150.5W 151.2W 151.2W <t< th=""><th>EL</th><th></th><th>LPC-150-350</th><th>LPC-150-500</th><th>LPC-150-700</th><th>LPC-150-1050</th><th>LPC-150-1400</th><th>LPC-150-1750</th><th>LPC-150-2100</th><th>LPC-150-2450</th><th>LPC-150-2800</th><th>LPC-150-3150</th></t<>	EL		LPC-150-350	LPC-150-500	LPC-150-700	LPC-150-1050	LPC-150-1400	LPC-150-1750	LPC-150-2100	LPC-150-2450	LPC-150-2800	LPC-150-3150	
CONSTANT CURRENT REGION No.62 215 - 430V 150 - 300V 107V - 215V 72V - 144V 54V - 108V 43V - 86V 36V - 72V 31V - 62V RATED POWER 150.5W 150.W 150.SW 151.2W 151.2W 150.5W 151.2W 151	R	RATED CURRENT	350mA	500mA	700mA	1050mA	1400mA	1750mA	2100mA	2450mA	2800mA	3150mA	
NUMBRA RATED POWER 150.5W 150.5W 151.2W 150.5W 151.2W 15	С	CURRENT ACCURACY	±5.0%										
NIPPLE CURRENT ±5% OUTPUT VOLTAGE TOLERANCE ±2.0%. SETUP, RISE TIME 1000ms, 80ms / 230VAC at full load HOLD UP TIME (Typ.) 16ms/230VAC at full load VOLTAGE RANCE ±2.0%. SETUP, RISE TIME 1000ms, 80ms / 230VAC at full load VOLTAGE RANCE ±2.0%. SETUP, RISE TIME 1000ms, 80ms / 230VAC at full load VOLTAGE RANCE ±7.0%. SETUP, RISE TIME 1000ms, 230VAC 254VDC - 431VDC FREQUENCY RANGE 47 - 63Hz EFFICIENCY (Typ.) 90% AC CURRENT (Typ.) 1.7.A / 230VAC INRUSH CURRENT (Typ.) COLD START 40A(twom=750)us measured at 50% (peak) at 230VAC MAX. No. of PSUs on 16A 3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC MAX. No. of PSUs on 16A 3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC PROTECTION MACT CIRCUIT Hiccup mode, recovers automatically after fault condition is removed VER VOLTAGE Shuft down ofp voltage, recovers automatically after temperature goes down VORKING TEMP. -25 ~ +50°C (Refer to "Derating Curve") VORKIN	C	CONSTANT CURRENT REGION Note.5	215~430V	150~300V	107V~215V	72V ~ 144V	54V ~ 108V	43V ~ 86V	36V ~ 72V	31V ~ 62V	27V ~ 54V	24V ~ 48V	
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INPUT EFFICIENCY (Typ.) 90% AC CURRENT (Typ.) 1.7 A / 230VAC 1.5A / 277VAC INRUSH CURRENT (Typ.) COLD START 40A(twidth=750µs measured at 50% lpeak) at 230VAC MAX. No. of PSUs on 16A CIRCUIT BREAKER 3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC PROTECTION SHORT CIRCUIT <0.25mA / 277VAC VER VOLTAGE 440 ~ 470V 330 ~ 365V 235 ~ 265V 158 ~ 188V 115 ~ 135V 96 ~ 115V 80 ~ 97V 69 ~ 80V PROTECTION OVER VOLTAGE 440 ~ 470V 330 ~ 365V 235 ~ 265V 158 ~ 188V 115 ~ 135V 96 ~ 115V 80 ~ 97V 69 ~ 80V PROTECTION OVER VOLTAGE Shut down o/p voltage, recovers automatically after temperature goes down 69 ~ 80V VORKING TEMP, -25 ~ +50°C (Refer to "Derating Curve") workking temp, +00 ~ 470°C, 10 ~ 95% RH 80.003 / 70°C STORAGE TEMP, HUMIDITY 10 ~ 95% RH non-condensing storade temp, HUMIDITY 40 ~ 470°C, 10 ~ 95% RH TEMP. COEFFICIENT ±0.03%/°C (0 ~ 50°C) WITHSTAND VOLTAGE I/P ~ 0/P: 100M Ohms / 500VDC / 25°C / 70% RH <th>V</th> <th>VOLTAGE RANGE Note.2</th> <th colspan="10">180 ~ 305VAC 254VDC ~ 431VDC</th>	V	VOLTAGE RANGE Note.2	180 ~ 305VAC 254VDC ~ 431VDC										
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CIRCUIT BREAKER Statists (circuit breaker of type B) / 8 units (circuit breaker of type C) at 230 AC LEAKAGE CURRENT <0.25mA / 277 VAC BHORT CIRCUIT Hiccup mode, recovers automatically after fault condition is removed PROTECTION 440 ~ 470V 330 ~ 365V 235 ~ 265V 158 ~ 188V 115 ~ 135V 96 ~ 115V 80 ~ 97V 69 ~ 80V PROTECTION OVER VOLTAGE 440 ~ 470V 330 ~ 365V 235 ~ 265V 158 ~ 188V 115 ~ 135V 96 ~ 115V 80 ~ 97V 69 ~ 80V Protection type : Shut down and latch off o/p voltage re-power on to recovery Over voltage re-power on to recovery 69 ~ 80V Protection type : Shut down o/p voltage, recovers automatically after temperature goes down - - 59 ~ 80V WORKING HUMIDITY 10 ~ 95% RH non-condensing - - - - STORAGE TEMP, HUMIDITY 40 ~ 470°C, 10 ~ 95% RH - - - - - VIBRATION 10 ~ 500Hz, 2G 10min/1cycle, period for 60min. each along X, Y, Z axes - - - - - - - - - - - - - - - - - -	IN	NRUSH CURRENT (Typ.)	COLD START 40A(twidth=750µs measured at 50% Ipeak) at 230VAC										
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WORKING TEMP. -25 ~ +50°C (Refer to "Derating Curve") WORKING HUMIDITY 10 ~ 95% RH non-condensing STORAGE TEMP., HUMIDITY -40 ~ +70°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 & SAFETY STANDARDS BIS IS15885(for 700mA, 1050mA, 1400mA,2800mA only), EAC TP TC 004, IP67;IEC 62368-1, BS EN/ WITHSTAND VOLTAGE I/P-O/P:3KVAC ISOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH EMC ISOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH EMC IMMUNITY Compliance to BS EN/EN5032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN5035, light industry level , EAC TP TC 02 OTHERS MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (25 DIMENSION 191*63*37.5mm (L*W*H) PACKING PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check th		OVER VULIAGE											
WORKING HUMIDITY 10 ~ 95% RH non-condensing STORAGE TEMP, HUMIDITY -40 ~ +70°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 & SAFETY STANDARDS BIS IS15885(for 700mA, 1050mA, 1400mA,2800mA only), EAC TP TC 004, IP67;IEC 62368-1, BS EN/ WITHSTAND VOLTAGE I/P-O/P:3KVAC SOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH EMC ISOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH EMC IMMUNITY Compliance to BS EN/EN55032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level , EAC TP TC 02 MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (25 OTHERS DIMENSION 191*63*37.5mm (L*W*H) PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1.All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	0	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down										
ENVIRONMENT STORAGE TEMP, HUMIDITY -40 ~ +70°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 & SAFETY STANDARDS BIS IS15885(for 700mA, 1050mA, 1400mA, 2800mA only), EAC TP TC 004, IP67;IEC 62368-1, BS EN/ WITHSTAND VOLTAGE I/P-O/P:3KVAC IVINITY SOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH EMC IMOUNITY Compliance to BS EN/EN5032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (250 MIL-HDBK	w	WORKING TEMP.	-25 ~ +50 $^\circ\mathrm{C}$ (Refer to "Derating Curve")										
TEMP. COEFFICIENT ±0.03%/°C (0 ~ 50°C) VIBRATION 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes SAFETY STANDARDS BIS IS15885(for 700mA, 1050mA, 1400mA, 2800mA only), EAC TP TC 004, IP67;IEC 62368-1, BS EN/ WITHSTAND VOLTAGE I/P-0/P:3KVAC ISOLATION RESISTANCE I/P-0/P:100M Ohms / 500VDC / 25°C / 70% RH EMC EMC EMISSION Compliance to BS EN/EN55032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E OTHERS MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore); 479.1K hrs min. MIL-HDBK-217F (25 D) DIMENSION 191*63*37.5mm (L*W*H) PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed und=r low input voltages. Please check the static characteristics for more details.	w	WORKING HUMIDITY											
VIBRATION 10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes SAFETY STANDARDS BIS IS15885(for 700mA, 1050mA, 1400mA, 2800mA only), EAC TP TC 004, IP67;IEC 62368-1, BS EN/ WITHSTAND VOLTAGE I/P-O/P:3KVAC ISOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH EMC EMC EMISSION Compliance to BS EN/EN55032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level , EAC TP TC 02 OTHERS MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (25 DIMENSION 191*63*37.5mm (L*W*H) Dimension PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	NMENT S	STORAGE TEMP., HUMIDITY	-40 ~ +70°C , 10 ~ 95% RH										
SAFETY & SAFETY STANDARDS BIS IS15885(for 700mA,1050mA,1400mA,2800mA only), EAC TP TC 004, IP67;IEC 62368-1, BS EN/ WITHSTAND VOLTAGE I/P-O/P:3KVAC ISOLATION RESISTANCE I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH EMC EMC EMISSION Compliance to BS EN/EN5032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level , EAC TP TC 02 OTHERS MTBF 3528.4K hrs min. PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	Т	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)										
SAFETY & WITHSTAND VOLTAGE I/P-0/P:3KVAC ISOLATION RESISTANCE I/P-0/P:3KVAC ISOLATION RESISTANCE I/P-0/P:100M Ohms / 500VDC / 25°C / 70% RH EMC EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level , EAC TP TC 02 THERS MTBF 0528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MITBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (25 DIMENSION 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	V	/IBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes										
SAFETY & ISOLATION RESISTANCE I/P-0/P:100M Ohms / 500VDC / 25°C / 70% RH EMC EMC EMISSION Compliance to BS EN/EN55032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level , EAC TP TC 02 MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (25) DIMENSION 191*63*37.5mm (L*W*H) PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	S	SAFETY STANDARDS	BIS IS15885(for 700mA,1050mA,1400mA,2800mA only), EAC TP TC 004, IP67;IEC 62368-1 , BS EN/EN62368-1 approved										
EMC ISOLATION RESISTANCE I/P-0/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(≤80% load); BS EN/E EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level , EAC TP TC 02 MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (25 DIMENSION 191*63*37.5mm (L*W*H) PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	TY & W	WITHSTAND VOLTAGE	I/P-O/P:3KVAC										
EMC EMISSION Compliance to BS EN/EN55032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/E EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level , EAC TP TC 02 MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore) ; 479.1K hrs min. MIL-HDBK-217F (25 DIMENSION 191*63*37.5mm (L*W*H) 191*63*37.5mm (L*W*H) 191*63*37.5mm (L*W*H) NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.		SOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH										
MTBF 3528.4K hrs min. Telcordia SR-332 (Bellcore); 479.1K hrs min. MIL-HDBK-217F (25 DIMENSION 191*63*37.5mm (L*W*H) 9	E	EMC EMISSION	Compliance to BS EN/EN55032(CISPR32) Class B; BS EN/EN61000-3-2 Class A(≤80% load); BS EN/EN61000-3-3, EAC TP TC 020										
DIMENSION 191*63*37.5mm (L*W*H) PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	E	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										
PACKING 0.74Kg; 20pcs/15.8Kg/0.95CUFT NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	м	MTBF				332 (Bellcore	e); 479.1	K hrs min.	MIL-HDB	4-217F (25°C	C)		
NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltages. Please check the static characteristics for more details.	RS D	DIMENSION		, ,									
2. Derating may be needed under low input voltages. Please check the static characteristics for more details.				•									
 The power supply is considered as a component that will be operated in combination with lintal equipment. Since Enic performance 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) Refer to warranty statement. Constant current operation region is within 50% ~100% rated output voltage. This is the suitable operation region for LED related ap reconfirm special electrical requirements for some specific system design. Suitable for indoor use or outdoor use without direct sunlight exposure, please avoid immerse in the water over 30minutes. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude high 	2. 3. 4. 5. 6.												

8. For any application note and IP water proof function installation caution, please refer our user manual before using.

- https://www.meanwell.com/Upload/PDF/LED_EN.pdf
- 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.)
- X Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx





150W Single Output LED Power Supply

LPC-150 series

