



## ■ 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.7)
- · 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)
- 100% full load burn-in test
- · Low cost, high reliability
- 2 years warranty

## **SPECIFICATION**



RATED CURRENT   350mA   700mA   9 - 48V   9 - 30V	MODEL		LPC-20-350	LPC-20-700
Name	ОИТРИТ	RATED CURRENT	350mA	700mA
NUTLED   COUNTY   C		DC VOLTAGE RANGE	9 ~ 48V	9 ~ 30V
NUTAGE TOLERANCE		RATED POWER	16.8W	21W
CURRENT ACCURACY		RIPPLE & NOISE (max.) Note.2	200mVp-p	200mVp-p
CURRENT ACCURACY   ±5.0%		VOLTAGE TOLERANCE Note.3	±5.0%	
LOAD REGULATION   \$2.0 %   SETUP, RISE TIME   Note, \$500ms, 250ms / 230VAC   500ms, 250ms / 115VAC at full load		CURRENT ACCURACY	±5.0%	
SETUP, RISE TIME		LINE REGULATION	±1.0%	
NOLITAGE RANGE   Note4   90 - 264 VAC   127 - 370 VDC   FREQUENCY RANGE   47 - 63 Hz   27 - 370 VDC   FREQUENCY RANGE   47 - 63 Hz   27 - 370 VDC   FREQUENCY RANGE   47 - 63 Hz   27 - 370 VDC   FREQUENCY RANGE   47 - 63 Hz   27 - 370 VDC   FREQUENCY RANGE   47 - 63 Hz   27 - 370 VDC   FREQUENCY RANGE   47 - 63 Hz   27 - 370 VDC   47 - 63 Hz   27 - 47 - 47 - 47 - 47 - 47 - 47 - 47 -		LOAD REGULATION	±2.0%	
NOTTAGE RANGE		SETUP, RISE TIME Note.6	500ms, 250ms / 230VAC 500ms, 250ms / 115VAC at full load	
NPUT		HOLD UP TIME (Typ.)	50ms/230VAC 16ms/115VAC at full load	
INPUT   AC CURRENT (Typ.)   0.55A/115VAC   0.35A/230VAC     INRUSH CURRENT (Typ.)   0.55A/115VAC   0.35A/230VAC     INRUSH CURRENT (Typ.)   0.55A/115VAC   0.35A/230VAC     MAX. No. of PSUS on 16A   2.5ma/240VAC     MAX. No. of PSUS on 16A   2.5ma/240VAC     ICAKAGE CURRENT   0.25ma/240VAC     WORKING TEMP.   -30-+70°C (Refer to "Derating Curve")     WORKING HUMIDITY   20-90% RH non-condensing     STORAGE TEMP, HUMIDITY   20-90% RH non-condensing     STORAGE TEMP, HUMIDITY   -40-+80°C, 10-95% RH     TURN COEFFICIENT   -40.3%°C (0-50°C)     VIBRATION   10-500Hz, 2G 10min/1cycle, period for 60min. each along X, Y, Z axes     WITHSTAND VOLTAGE   UP-0/P-3KVAC     ISAAFETY & WITHSTAND VOLTAGE   UP-0/P-3KVAC     ISOLATION RESISTANCE   UP-0/P-3KV	INPUT	VOLTAGE RANGE Note.4	90 ~ 264VAC 127 ~ 370VDC	
AC CURRENT (Typ.) 0.55A/115VAC 0.35A/230VAC   INRUSH CURRENT (Typ.) COLD START 70A(twidth=220µs measured at 50% lpeak) at 230VAC   MAX. No. of PSUs on 16A   CIRCUIT BREAKER   0.25mA / 240VAC   BEAKAGE CURRENT   0.25mA / 240VAC    PROTECTION OVER VOLTAGE   50.4 - 60V   31.5 - 40.5V   Protection type : Shut off of pvoltage, clamping by zener diode   WORKING TEMP30 - +70°C (Refer to "Derating Curve")   WORKING HUMIDITY   20 - 90% RH non-condensing   STORAGE TEMP, HUMIDITY   40 - +80°C, 10 - 95% RH   TEMP, COEFFICIENT   40.03%°C (0 - 50°C)   VIBRATION   10 - 500Hz, 26 10min /1cycle, period for 60min, each along X, Y, Z axes   IURS SAFETY STANDARDS   UP-0/P:3KVAC   ISOLATION RESISTANCE   UP-0/P:3KVAC   ISOLATION RESISTANCE   UP-0/P:3KVAC   ISOLATION RESISTANCE   UP-0/P:36WORD   UP-0/P:36WORD   EMC EMISSION   118°35°26mm (L*W*H)   DIMENSION   118°35°26mm (L*W*H)   PACKING   0.22Kg: 60pcs/14 Zkg/I0 62CUFT   IN IAIl parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.   2. Ripple & noise are measured at 21min and load regulation.   4. Derating may be needed under fow input voltage, Please check the static characteristics for more details.   5. The power supply is considered as component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment municaturers must re-qualify EMC Directive on the complete installation again.   6. Length of set up time is measured at first cold start. Turning ON/OF the power supply may be needed under low input voltage. Please check the static characteristics for more details.   5. The power supply is considered as component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment municaturers must re-qualify EMC Directive on the complete installation again.   6. Length of set up time is measured at first cold start. Turning ON/OF the power supply may be		FREQUENCY RANGE	47 ~ 63Hz	
AC CURRENT (Typ.) 0.55A/15VAC 0.35A/230VAC  INRUSH CURRENT(Typ.) COLD START 70A(twidth=220, is measured at 50%   peak) at 230VAC  MAX. No. of PSUs on 16A CIRCUIT BREAKER  LEAKAGE CURRENT 0.25mA / 240VAC  PROTECTION  OVER VOLTAGE  WORKING TEMP30 - +70°C (Refer to "Derating Curve")  WORKING HUMIDITY 20 ~ 90% RH non-condensing  ENVIRONMENT  TEMP. COEFFICIENT ±0.038/°C (0 - 50°C)  VIBRATION 10 - 500Hz, 2G 10min./19c/le, period for 60min. each along X, Y, Z axes  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), TUV EN60950-1, IP67 approved  WITHSTAND VOLTAGE 10 - 0.91% IP-0/P:3KVAC  SOLATION EME SISION Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC EMISSION Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC EMISSION 118°35°26mm (L*W*H)  PACKING 0.22Kg; 60pcs/14.2kg/l0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12° twisted pair-wire terminated with a 0.1 of & 47uf parallel capacitor. 3. Tolerance; includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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 Directives on the complete installation again. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunified exposure. Please avoid innerse in the water over 30 minute.		EFFICIENCY (Typ.)	83%	
MAX. No. of PSUs on 16A CIRCUIT BREAKER LEAKAGE CURRENT  0.25mA / 240VAC  2.5mA / 240VAC  PROTECTION  OVER VOLTAGE  WORKING TEMP.  WORKING TEMP.  2.30 - +70°C (Refer to "Derating Curve")  WORKING HUMIDITY  2.0 - 90% RH non-condensing  STORAGE TEMP, HUMIDITY  VIBRATION  10 - 500Hz, 26 10min./fcycle, period for 60min. each along X, Y, Z axes  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), TUV EN60950-1, IP67 approved  WITHSTAND VOLTAGE  IVP-0/P/3KVAC  SOLATION RESISTANCE  IVP-0/P-100M Ohms / 500VDC / 25°C/ 70% RH  EMC EMISSION  COmpliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY  Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY  Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY  OTHERS  MTBF  786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION  118*35*26mm (L*W*H)  PACKING  0.22Kg: 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.  2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.  3. Tolerance: includes set up tolerance, line regulation and load regulation.  4. Derating may be needed under low input voltage. Please check the static characteristics for more details.  5. 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.  6. 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.  7. Sutlable for indoor use or outdoor use without direct surpling texposure. Please avoid immerse in the water over 30 minute.		AC CURRENT (Typ.)	0.55A/115VAC 0.35A/230VAC	
CIRCUIT BREAKER   CHAKAGE CURRENT   0.25mA / 240VAC   31.5 ~ 40.5V		INRUSH CURRENT(Typ.)	COLD START 70A(twidth=220µs measured at 50% Ipeak) at 230VAC	
PROTECTION OVER VOLTAGE    So.4 ~ 60V   Protection type : Shut off o/p voltage, clamping by zener diode			8 units (circuit breaker of type B) / 14 units (circuit breaker of type C) at 230VAC	
Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage, clamping by zener diode  Protection type : Shut off o/p voltage in the shut of the s		LEAKAGE CURRENT	0.25mA / 240VAC	
WORKING TEMP30~ +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 8.  EMC  WITHSTAND VOLTAGE I/P-O/P:3KVAC  ISOLATION RESISTANCE I/P-O/P:3KVAC  ISOLATION RESISTANCE I/P-O/P:3CVAC  EMC EMC EMC MIMIDITY Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A  MTBF 786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION 118°35°26mm (L*W*H)  PACKING 0.22Kg; 60pcs/14.2Kg/0.62CUFT  NOTE 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. Length of set up time is measured at first clod start. Turning ON/OFF the power supply is not increas	PROTECTION	OVER VOLTAGE	50.4 ~ 60V	31.5 ~ 40.5V
WORKING HUMIDITY   20 ~ 90% RH non-condensing			Protection type : Shut off o/p voltage, clamping by zener diode	
ENVIRONMENT  STORAGE TEMP, HUMIDITY  -40 ~ +80°C, 10 ~ 95% RH  TEMP. COEFFICIENT  VIBRATION  10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes  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), TUV EN60950-1, 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 EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY  Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A  MTBF  786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION  118*35*26mm (L*W*H)  PACKING  0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.	ENVIRONMENT	WORKING TEMP.	-30~ +70°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 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), TUV EN60950-1, IP67 approved  WITHSTAND VOLTAGE I/P-0/P:3KVAC  ISOLATION RESISTANCE I/P-0/P:>100M Ohms / 500VDC / 25°C/ 70% RH  EMC EMISSION Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A  MTBF 786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION 118*35*26mm (L*W*H)  PACKING 0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		WORKING HUMIDITY	20 ~ 90% RH non-condensing	
VIBRATION  10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes  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), TUV EN60950-1, 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 EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY  Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A  MTBF  786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION  118*35*26mm (L*W*H)  PACKING  0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH	
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), TUV EN60950-1, IP67 approved  WITHSTAND VOLTAGE  I/P-O/P:S100M Ohms / 500VDC / 25°C/ 70% RH  EMC EMISSION  EMC IMMUNITY  Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY  Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A  MTBF  786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION  118*35*26mm (L*W*H)  PACKING  0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	
SAFETY & TUV EN60950-1, 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 EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3   EMC IMMUNITY   Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A    MTBF   786.5Khrs min. MIL-HDBK-217F (25°C)   DIMENSION   118*35*26mm (L*W*H)   PACKING   0.22Kg; 60pcs/14.2Kg/0.62CUFT    1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
SAFETY & WITHSTAND VOLTAGE I/P-O/P:3KVAC  ISOLATION RESISTANCE I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH  EMC EMISSION Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A  MTBF 786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION 118*35*26mm (L*W*H)  PACKING 0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		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),	
ISOLATION RESISTANCE   I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH			TUV EN60950-1, IP67 approved	
ISOLATION RESISTANCE   I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH		WITHSTAND VOLTAGE	I/P-O/P:3KVAC	
EMC EMISSION Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3  EMC IMMUNITY Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A  MTBF 786.5Khrs min. MIL-HDBK-217F (25°C)  DIMENSION 118*35*26mm (L*W*H)  PACKING 0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH	
MTBF   786.5Khrs min. MIL-HDBK-217F (25°C)		EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class	s A, EN61000-3-3
DIMENSION  118*35*26mm (L*W*H)  PACKING  0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A	
PACKING  0.22Kg; 60pcs/14.2Kg/0.62CUFT  1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. 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. 6. 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. 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.		MTBF	786.5Khrs min. MIL-HDBK-217F (25°C)	
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