

■ Features :

- 180-264VAC input only
- Fully encapsulated with IP67 level
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Pass LPS
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- High reliability / Low cost
- 2 years warranty

LPS IP67 CE

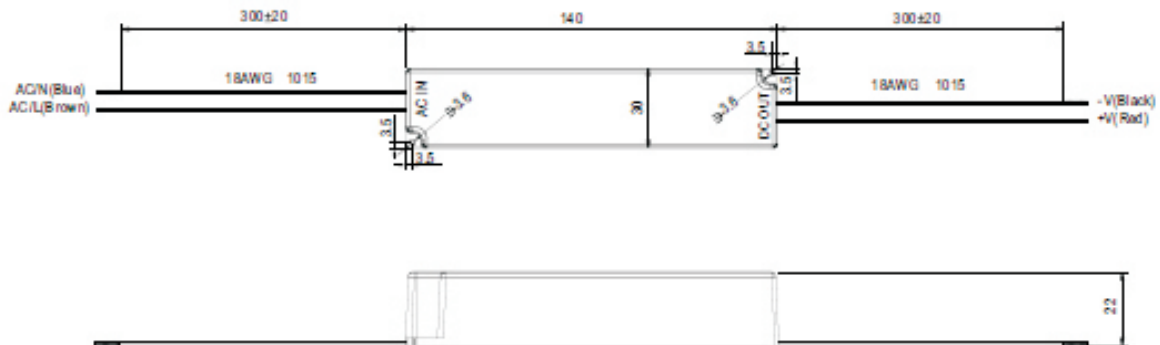
SPECIFICATION

MODEL	706-6546	706-6549	
OUTPUT	DC VOLTAGE	48V	25V
	DC VOLTAGE RANGE	6~48V	6~25V
	RATED CURRENT	350mA	700mA
	RATED POWER	16.8W	17.5W
	RIPPLE & NOISE (max.) Note.2	300mVp-p	250mVp-p
	VOLTAGE TOLERANCE Note.3	±5.0%	
	LINE REGULATION	±1.0%	
	LOAD REGULATION	±3.0%	
INPUT	SETUP, RISE TIME	3600ms, 100ms / 230VAC	
	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	
PROTECTION	INRUSH CURRENT(max.)	Cold start 50A/230VAC	
	LEAKAGE CURRENT	0.25mA/240VAC	
	CURRENT LIMIT Note.4	±5% rated output current Protection type : Constant current limiting type	
	OVER VOLTAGE	50.4~ 60V	28.75~33.75V
ENVIRONMENT	OVER TEMPERATURE	Protection type : Shut off/o/p voltage, damping by zener diode Tj 170 ℃ typically (J1) Detect on main control IC	
	WORKING TEMP.	-30 ~ 70℃ (Refer to output load derating curve)	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-40 ~ +80℃, 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.2%/℃ (0 ~ 50℃)	
SAFETY & EMC (Note 5)	VIBRATION	10 ~ 500Hz, 2G 10min/1cycle, period for 60min. each along X, Y, Z axis	
	SAFETY STANDARDS	Design refer to UL 1310 Class 2, TUV EN60950-1, EN61347-2-13, CAN/CSA C22.2 No. 223-M91, IP67 approved	
	WITHSTAND VOLTAGE	IP-O/P: 3KVAC	
	ISOLATION RESISTANCE	IP-O/P > 100M Ohms / 500VDC / 25℃ / 70% RH	
	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class A	
	HARMONIC CURRENT	Compliance to EN61000-3-2, -3	
OTHERS	EMS IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11; ENV50204, EN55024, Light industry level, criteria A	
	MTBF	1200.6K hrs min. MIL-HDBK-217F (25)	
	DIMENSION	140*30*22(L*W*H)	
NOTE	PACKING		0.175Kg; 70pcs/13.3Kgs/0.71CUFT
<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μf & 47μf 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 derating curve 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-quality EMC Directive on the complete installation again.</p>			

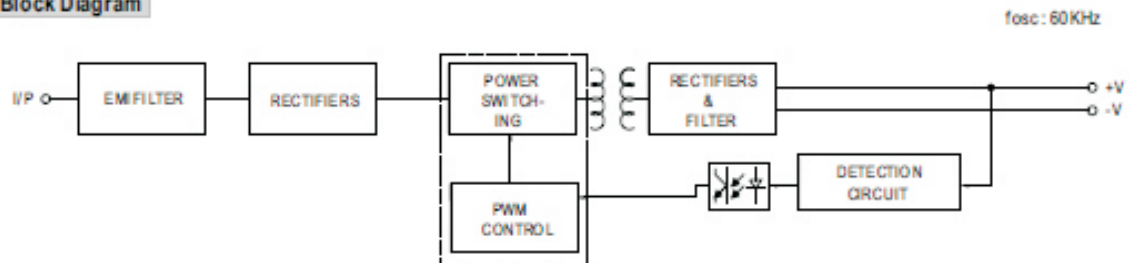


■ Mechanical Specification

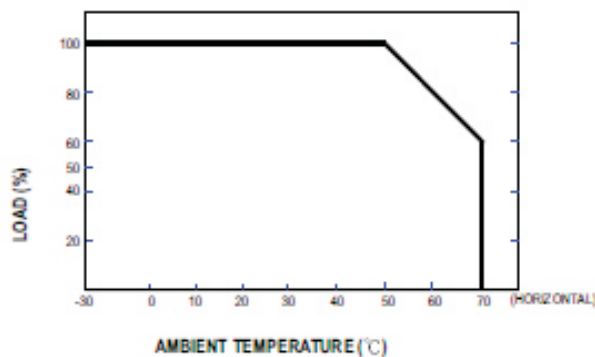
Unit:mm



■ Block Diagram



■ Derating Curve



■ Static Characteristics

