

PSU.0023.0



■ **Features :**

- Constant current mode design
- Universal AC input / Full range
- Protections : Short circuit / Over voltage
- Fully isolated plastic case
- Small and compact size
- Cooling by free air convection
- Class II power unit, no FG
- Class 2 power unit
- Pass LPS
- IP42 design
- Suitable for LED lighting and moving sign applications
- 100% full load burn-in test
- Low cost / High reliability
- 2 years warranty



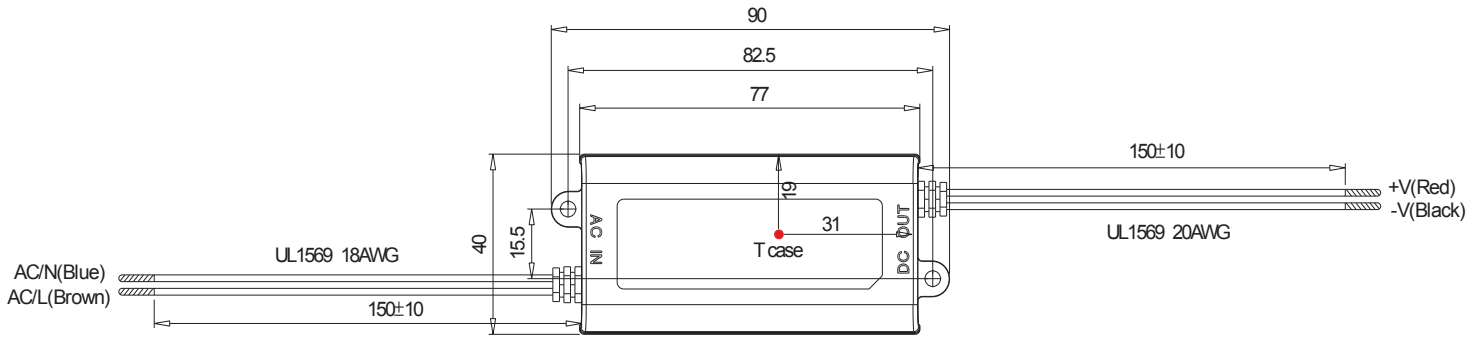
SPECIFICATION

OUTPUT	RATED CURRENT	350mA
	DC VOLTAGE RANGE	12~48V
	RATED POWER	16.8W
	RIPPLE & NOISE (max.)	300mVp-p
	VOLTAGE TOLERANCE	±5.0%
	CURRENT ACCURACY	±8.0%
	LINE REGULATION	±1.0%
	LOAD REGULATION	±3.0%
	SETUP, RISE TIME	3000ms, 200ms / 230VAC 3000ms, 200ms / 115VAC at full load
HOLD UP TIME (Typ.)	20ms/230VAC 12ms/115VAC at full load	
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY(Typ.)	84%
	AC CURRENT	0.3A/230VAC; 0.5A/115VAC
	INRUSH CURRENT(Typ.)	COLD START 45A(twidth=210µs measured at 50% Ipeak) at 230VAC
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	13 units (circuit breaker of type B) / 23 units (circuit breaker of type C) at 230VAC
LEAKAGE CURRENT	0.25mA / 240VAC	
PROTECTION	OVER VOLTAGE	50.4~ 60V Protection type : Shut off o/p voltage, clamping by zener diode
	WORKING TEMP.	-30 ~ 70°C (Refer to "Derating Curve")
ENVIRONMENT	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C , 10 ~ 95% RH
	TEMP. COEFFICIENT	±0.2%/°C (0 ~ 50°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
SAFETY & EMC	SAFETY STANDARDS	UL8750, CSA C22.2 No.250.0-08 approved, Design refer to TUV EN61347-1
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C / 70% RH
	EMC EMISSION	Compliance to EN55015, EN61000-3-2 Class A, EN61000-3-3
	EMC IMMUNITY	Compliance to EN61547, EN61000-4-2, 3, 4, 5, 6, 8, 11; light industry level (surge 2KV), criteria A
OTHERS	MTBF	1145.7K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	77*40*29(L*W*H)

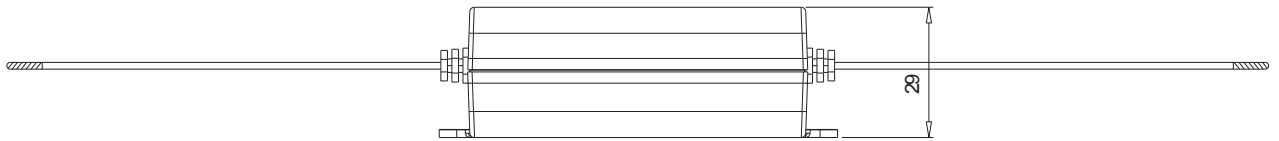
PSU.0023.0

Mechanical Specification

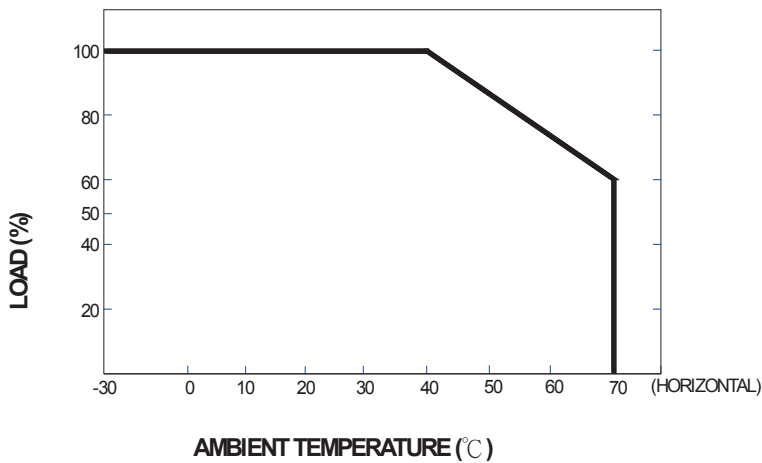
Unit:mm



※ T case: Max. Case Temperature



Derating Curve



Static Characteristics

