


■ Features :

- Universal AC input / Full range
- No load power consumption < 0.3W
- Energy efficiency Level V
- Comply with EISA 2007, NRCAN, AU/NZ MEPS and EU ErP
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Pass LPS
- Fully enclosed plastic case
- LED indicator for power on
- 2 years warranty

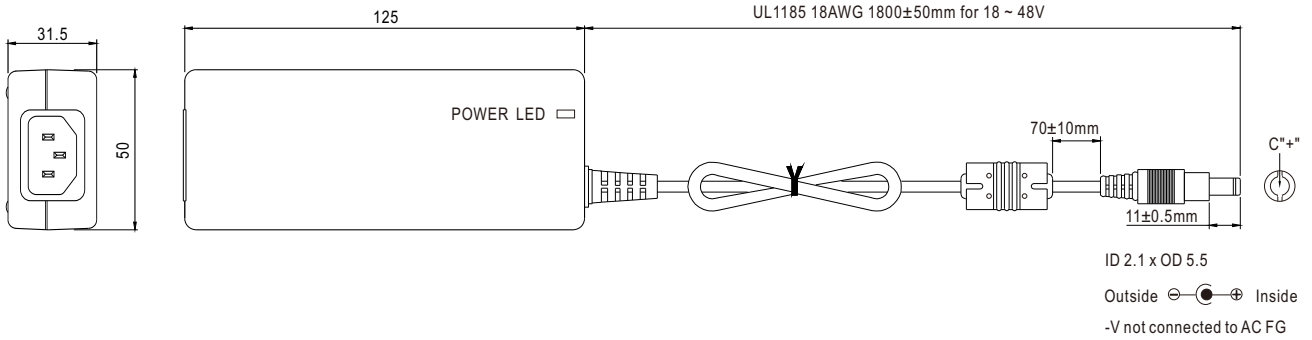

SPECIFICATION

ORDER NO.		PSU24-060
OUTPUT	SAFETY MODEL NO.	PSU24-060
	DC VOLTAGE <small>Note.2</small>	24V
	RATED CURRENT	2.5A
	CURRENT RANGE	0 ~ 2.5A
	RATED POWER (max.)	60W
	RIPPLE & NOISE (max.) <small>Note.3</small>	180mVp-p
	VOLTAGE TOLERANCE <small>Note.4</small>	±3.0%
	LINE REGULATION <small>Note.5</small>	±1.0%
	LOAD REGULATION	±3.0%
	SETUP, RISE TIME <small>Note.6</small>	1000ms, 30ms / 230VAC 1000ms, 30ms / 115VAC at full load
HOLD UP TIME (Typ.)	50ms / 230VAC 15ms / 115VAC at full load	
INPUT	VOLTAGE RANGE <small>Note.7</small>	90 ~ 264VAC 135 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	90%
	AC CURRENT (Typ.)	1.4A / 115VAC 1A / 230VAC
	INRUSH CURRENT (max.)	65A / 230VAC
	LEAKAGE CURRENT(max.)	0.75mA / 240VAC
PROTECTION	OVERLOAD	105 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed
	OVER VOLTAGE	25.2 ~ 32.4V Protection type : Shut down o/p voltage, re-power on to recover
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover
ENVIRONMENT	WORKING TEMP.	-30 ~ +60°C (Refer to "Derating Curve")
	WORKING HUMIDITY	20% ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	±0.03% / °C (0 ~ 40°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
SAFETY & EMC (Note. 8)	SAFETY STANDARDS	UL60950-1, CSA C22.2, TUV EN60950-1, BSMI CNS14336, CCC GB4943, PSE J60950-1 approved
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH
	EMC EMISSION	Compliance to EN55022 class B, EN61000-3-2,3, FCC PART 15 / CISPR22 class B, CNS13438 class B, GB9254, GB17625.1
OTHERS	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A
	MTBF	711K hrs min. MIL-HDBK-217F(25°C)
	DIMENSION	125*50*31.5mm (L*W*H)
	PACKING	0.305Kg; 40pcs/13.02Kg/1.05CUFT
CONNECTOR	PLUG	See page 2 ; Other type available by customer requested
	CABLE	See page 2 ; Other type available by customer requested
NOTE	<ol style="list-style-type: none"> 1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2. DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4. Tolerance: includes set up tolerance, line regulation, load regulation. 5. Line regulation is measured from low line to high line at rated load. 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. Derating may be needed under low input voltages. Please check the derating curve for more details. 8. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. 	

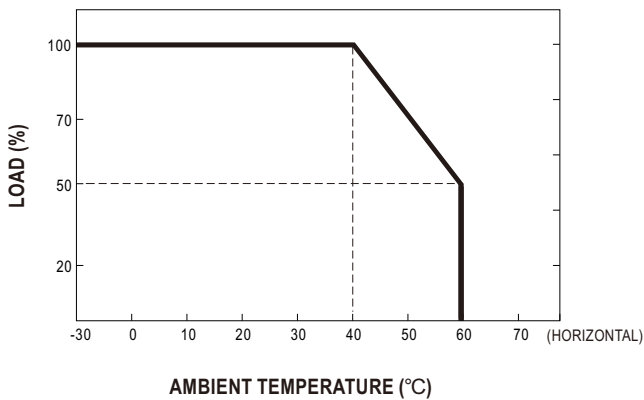


Mechanical Specification

Unit:mm



Derating Curve



Static Characteristics

