



25 ~65W AC-DC Single Output Wall Mount Adaptor

L60A series



■ Features :

- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Universal AC input / Full range
- No load input power < 2.0W
- LED indicator for power on
- Protections: Short circuit/ Over load / Over voltage
- Topology: PWM 3842 circuit
- 100% full load burn-in test
- Approvals: UL/ CSA/ PSE/ TUV/ CB/ FCC/ CE
- 1 year warranty

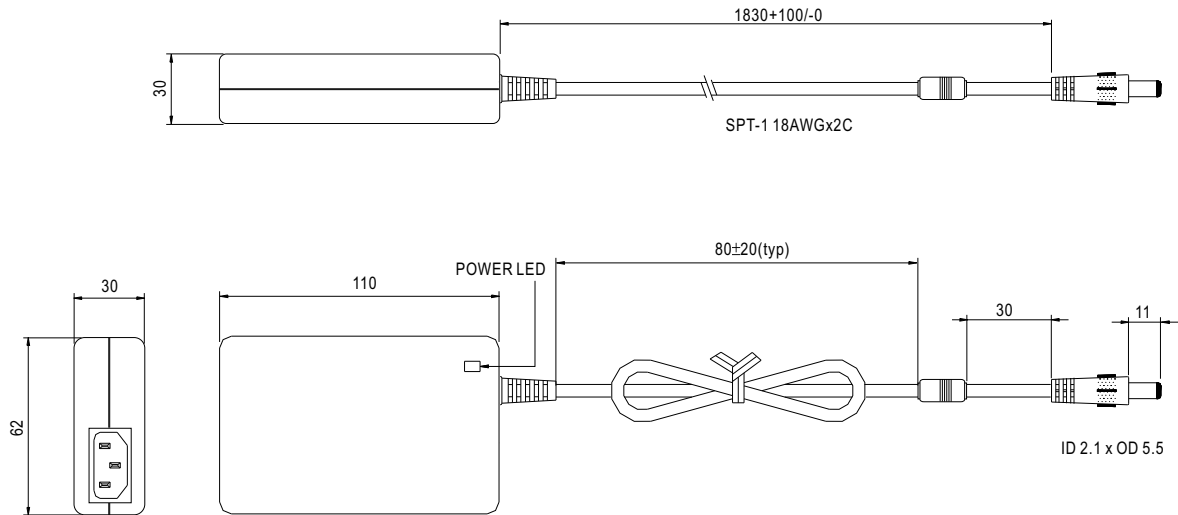


SPECIFICATION

ORDER NO.		L60A05-P1J	L60A12-P1J	L60A19-P1J	L60A20-P1J	L60A24-P1J
OUTPUT	SAFETY MODEL NO.	LAD6019A55	LAD6019AB5	LAD6019AKW	LAD6019AG3	LAD6019AE2
	DC VOLTAGE	5V	12V	19V	20V	24V
	RATED CURRENT	5.0A	5.0A	3.16A	3.2A	2.0A
	CURRENT RANGE	0.5 ~ 5.0A	0.5 ~ 5.0A	0.4 ~ 3.16A	0.3 ~ 3.2A	0.2 ~ 2.0A
	RATED POWER	20W	42W	42W	42W	42W
	PEAK POWER <small>Note.2</small>	25W	60W	60W	64W	48W
	RIPPLE & NOISE (max.) <small>Note.3</small>	100mVp-p	120mVp-p	200mVp-p	200mVp-p	240mVp-p
	VOLTAGE ADJ. RANGE	Fixed				
	VOLTAGE TOLERANCE <small>Note.4</small>	±5.0%	±3.0%	±3.0%	±3.0%	±3.0%
	LINE REGULATION <small>Note.5</small>	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
INPUT	LOAD REGULATION <small>Note.6</small>	±4.5%	±2.5%	±2.5%	±2.5%	±2.5%
	SETUP, RISE, HOLD TIME	500ms, 50ms, 16ms at full load				
	VOLTAGE RANGE	90 ~ 264VAC 135~370VDC				
	FREQUENCY RANGE	47~ 63Hz				
	EFFICIENCY (Typ.)	70%	78%	82%	80%	80%
	AC CURRENT	1.5A / 115VAC 0.75A / 230VAC				
PROTECTION	INRUSH CURRENT (max.)	50A / 230VAC				
	LEAKAGE CURRENT (max.)	0.75mA / 240VAC				
	OVER LOAD	110~200% rated output power				
ENVIRONMENT	OVER VOLTAGE	110~140% rated output voltage				
	WORKING TEMP.	0~+50℃ (Refer to output load derating curve)				
	WORKING HUMIDITY	20%~90% RH non-condensing				
SAFETY & EMC (Note. 7)	STORAGE TEMP., HUMIDITY	-20~+85℃, 10~95% RH				
	TEMP. COEFFICIENT	±0.03% / °C (0~50℃)				
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
OTHERS	SAFETY STANDARDS	UL1950, CSA22.2, TUV EN60950 Approved				
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC, I/P-FG: 1.5KVAC				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG:100M Ohms / 500VDC				
CONNECTOR	EMI CONDUCTION & RADIATION	Compliance to FCC part15 class B, EN55022 class B				
	HARMONIC CURRENT	Compliance to EN61000-3-2,3				
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, Light industry level, criteria A, ENV50204				
NOTE	MTBF	100K Hrs min. MIL-HDBK-217F (25℃)				
	DIMENSION	110*62*30mm (L*W*H)				
	PACKING	300g ; 40pcs / 15kg / CARTON				
CONNECTOR	PLUG	Standard type P1J: 2.1φ * 5.5φ * 11mm turning fork type, center positive for stock ; Other type available by customer requested				
	CABLE	Standard type 18Awg*2c SPT-1 6ft with ferrite core for stock ; Other type available by customer requested				

Mechanical Specification

Unit:mm

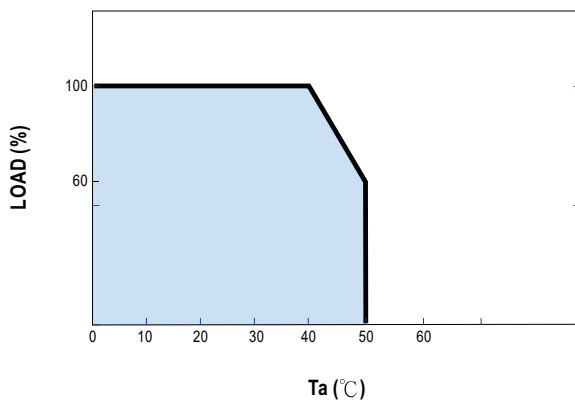


Plug Assignment

Standard plug: P1J (option)

P1J	
P/N	OUTPUT
CENTER	+

Derating Curve



Static Characteristics

