



# MEAN WELL

SWITCHING POWER SUPPLY  
ISO-9001 CERTIFIED MANUFACTURER

## L24D-M -EURO PLUG SERIES

- .FULL RANGE AC INPUT
- .2 ROUND PIN(EURO PLUG IN),CLASS II
- .BUILD IN EMI FILTER
- .FULLY ENCLOSED PLASTIC CASE
- .PWM CONTROL CIRCUIT
- .100% FULL LOAD BURN-IN TEST
- .DC OUTPUT PLUG OPTION
- .LOW COST, HIGH RELIABILITY
- .SHORT CIRCUIT PROTECTION
- .OVER LOAD PROTECTION
- .1 YEAR WARRANTY
- .APPROVALS:TUV/CE
- .OPERATION LIFE:25000hrs@25°C



TYPE NO.	L24D05M-yyy	L24D06M-yyy	L24D09M-yyy	L24D12M-yyy	L24D24M-yyy
SAFETY MODEL NO.	LAD1512D53	LAD1512D63	LAD1512D92	LAD1512DB2	LAD1512DE1
DC OUTPUT VOLTAGE	5V	6V	9V	12V	24V
OUTPUT V. TOLERANCE	±5%	±5%	±5%	±3%	±3%
OUTPUT RATED CURRENT	3.00A	3.00A	2.2A	2.00A	1.00A
OUTPUT CURRENT RANGE	0.2-3.0A	0.1-3.0A	0.1-2.2A	0.1-2.0A	0.05-1.0A
RIPPLE & NOISE	50mVp-p	60mVp-p	90mVp-p	120mVp-p	150mVp-p
LINE REGULATION	±1%	±1%	±1%	±1%	±1%
LOAD REGULATION	±5%	±5%	±5%	±3%	±3%
DC OUTPUT POWER	15W	18W	19.2W	24W	24W
EFFICIENCY	70%	72%	74%	76%	80%
DC VOLTAGE ADJ.	FIXED				
INPUT VOLTAGE RANGE	90~264VAC 47~63Hz				
AC CURRENT	0.3A @ 230VAC				
AC INPUT PLUG	2 ROUND PIN(EURO TYPE AC PLUG)				
INRUSH CURRENT	COLD START < 35A PEAK @ 230VAC				
OVERLOAD PROTECTION	PULSING MODE, RESET:AUTO RECOVERY				
TEMP. COEFFICIENT	±0.03% / °C (0~50°C) @230VAC INPUT				
SETUP, RISE, HOLD UP TIME	500ms, 50ms, 8ms @230VAC INPUT				
VIBRATION	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES				
WITHSTAND VOLTAGE	I/P-O/P:3KVAC 1min.				
ISOLATION RESISTANCE	I/P-O/P: 100M Ohms min.				
WORKING TEMP., HUMIDITY	0°C~+40°C @ 100%LOAD, 50°C @ 60% LOAD, 20%~90% RH				
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH				
DIMENSION	80*55*32mm (L*W*H)				
WEIGHT; Q'TY/CARTON	200g; 45PCS/CARTON				
SAFETY STANDARDS	TUV EN60950				
EMC STANDARDS	EN55022, CLASS B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,11				
LENGTH OF OUTPUT CABLE	STANDARD CABLE:180cm OF SPT-1, 18AWG*2C WITH BEAD CORE(OPTION)				
PLUG OF DC OUTPUT	STANDARD PLUG P1J:2.1¢*5.5¢*11mm,TURNING FORK TYPE, CENTER POSITIVE (yyy:OUTPUT CABLE AND CONNECTOR,TO BE DEFINED BY CUSTOMER)				

NOTE :

- 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
- 2.TOLERANCE GINCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
- 3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
- 4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
- 5.LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD.