

LED Power Supply PLC-xxD-250W

Features:

- ✧ Protections: Short circuit/Over load/Over temperature.
- ✧ IP67 design for indoor or outdoor installations
- ✧ EN60950-1 power unit
- ✧ Cooling by free air convection
- ✧ 100% full load burn-in test
- ✧ High reliability
- ✧ Suitable for LED lighting and moving sign applications
- ✧ Compliance to worldwide safety regulations for lighting
- ✧ 2year warranty

SPECIFICATION

MODEL		PLC-A12D-250W	PLC-A24D-250W
OUTPUT	DC VOLTAGE	12.0 V	24.0 V
	RATED CURRENT	20.8A	10.4A
	CURRENT RANGE	0 - 20.8A	0 - 104A
	RATED POWER	250 W	250 W
	RIPPLE & NOISE(max.)Note.2	120mVp-p	200mVp-p
	VOLTAGE TOLERANCE	±2%	
	LINE REGULATION	±1%	
	LOAD REGULATION	±1%	
INPUT	VOLTAGE RANGE	180-260 VAC 250-360 VDC	
	FREQUENCY RANGE	47-63Hz	
	EFFICIENCY(Typ.)	90%	90%
	AC CURRENT	2.0A/230 VAC	2.0A/230 VAC
	INRUSH CURRENT(max)	40A/230 VAC	
	POWER FACTOR	PF>0. 6	
PROTECTION	OVER LOAD	120%	
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed.	
ENVIRONMENT	WORKING TEMP.	-25℃ - +50℃ @ FULL LOAD;+70℃ @ 60% LOAD	
	WORKING HUMIDITY	10-100% RH	
	STORAGE TEMP.,HUMIDITY	-40℃ - +85℃, 10-95% RH	
	VIBRATION	10-500Hz,2G 12min./1cycle,period for 72min.each along X,Y,Z axes	
SAFETY & EMC	SAFETY STANDARDS	EN60950-1	
	WITHSTAND VOLTAGE	I/P – O/P: 3.75KVAC I/P – FG:1.5KVAC O/P-FG:0.5KVAC	
	ISOLATION RESISTANCE	I/P-O/P:20M Ohms/500VDC/25℃/70% RH	
	EMI CONDUCTION & RADIATION	GB9254 CLASS B,EN55022 CLASS B, EN55024 CLASS B	
	EMS IMMUNITY	EN61000-3-2, 3	
	SAFETY STANDARDS	EN61000-4-2,3,4,5,6,8,11; EN61547,EN55024, EN61000-6-1, A	
OTHERS	MTBF	20000hrs min.	
	DIMENSION	315*68*55mm	
	PACKING	10PCS, 29.0Kg	