

# LED Power Supply      PLC-xxD-150W

## 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 moving sign applications
- ✧ 2 year warranty

## SPECIFICATION

MODEL		PLC-12D-150W	PLC-24D-150W
OUTPUT	DC VOLTAGE	12.0V	24.0V
	RATED CURRENT	12.5A	6.25A
	CURRENT RANGE	0-12.5A	0-6.25A
	RATED POWER	150W	150W
	VOLTAGE TOLERANCE	± 5%	
	LINE REGULATION	± 3%	
INPUT	VOLTAGE RANGE	180-260VAC    250-360VDC	
	FREQUENCY RANGE	47-63Hz	
	POWER FACTOR	PF>0.6	
	EFFICIENCY(Typ.)	90%	90%
	AC CURRENT	1.5A/230VAC	
	INRUSH CURRENT(max)	40A/230VAC	
PROTECTION	OVER LOAD	120%	
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed.	
ENVIRONMENT	WORKING TEMP.	-25℃ - +40℃ @ FULL LOAD;+60℃ @ 60% LOAD	
	WORKING HUMIDITY	10-100% RH	
	STORAGE TEMP.,HUMIDITY	-40℃ - +80℃, 10-95% RH	
	VIBRATION	10-500Hz,2G 12min./1cycle,period for 72min.each along X,Y,Z axes	
SAFETY&EMC	SAFETY STANDARDS	UL60950-1,	
	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	Compliance to EN55022, EN55024 CLASS B	
	EMS IMMUNITY	EN61000-3-2, 3	
	SAFETY STANDARDS	EN61000-4-2,3,4,5,6,8,11; EN61547, EN61000-6-1, A	
OTHERS	MTBF	20000hrs min.	
	DIMENSION	232*68*55mm	
	PACKING	20PCS, 27.0Kg	

**WARNING: The socket-outlet shall be installed near the equipment and shall be easily accessible.**