

LP1040

40 Watts
AC to DC Switch
Power Supply

■ AC to DC Switch Power Supply 40 Watts



Applications

- LED Signage
- LED Architectural Lighting
- LED Industrial Lighting
- LED Channel Letters
- LED Bulb

Features

cUL[®]us CE FCC IP66

DC Output with Constant Current or Constant Voltage
Waterproof Design - IP66,NEMA4,For Dry,Damp Location
Convection Cooled,Compact Plastic Housing
UL1310 Class 2,UL48,cUL,FCC B,CE.
Compliant RoHS Three Years Warranty

Specifications

AC Input Range : 90~264Vac / 0.5A / 47~63Hz	Storage Temp : -40°C ~ +85°C
Input Inrush Current : <10A/115Vac,<20A/230Vac	MTBF(@25°C) : >100,000 Hours,MIL-217F
Power Factor : >0.92 at full load,115Vac,230Vac	Safety : cUL1310 Class 2,UL48,CUL
Current Crest Factor (Ipk) : 1.5 Max.	EN55015,EN61547,EN55022,EN55024
Total Harmonic Distortion : 20% Max.	EN61000-3-2,EN61000-3-3,EN61347-2-13
Efficiency : 85% typical (24V)	IP66-IEC60529 , FCC Part 15,Subpart B,Class B
Protection : OCP,SCP,OVP - Auto Recovery	Dimension : 95(L),70(W),32(H) mm
Operation Temp. : -30°C ~ +60°C , TC : 90°C	Weight : 370 Grams Typical

Model Listing

Model	DC Output Constant Voltage	Output Current		Watts Max.
		Min.	Max.	
LP1040-09	5V ± 5%	445 ~ 4450mA	23W	
LP1040-09	9V ± 5%	445 ~ 4450mA	40W	
LP1040-10	10V ± 5%	400 ~ 4000mA	40W	
LP1040-12	12V ± 5%	333 ~ 3330mA	40W	
LP1040-13	13V ± 5%	308 ~ 3080mA	40W	
LP1040-15	15V ± 5%	268 ~ 2680mA	40W	
LP1040-18	18V ± 5%	222 ~ 2220mA	40W	
LP1040-22	22V ± 5%	182 ~ 1820mA	40W	
LP1040-24	24V ± 5%	167 ~ 1670mA	40W	
LP1040-36	36V ± 5%	111 ~ 1110mA	40W	

Model	DC Output(Vf) Forward Voltage	Output Constant Current	Watts Max.
LP1040-10-C4000	6 ~ 10V	4000mA ± 5%	40W
LP1040-12-C3330	7~12V	3330mA ± 5%	40W
LP1040-13-C3080	7~13V	3080mA ± 5%	40W
LP1040-15-C2680	9~15V	2680mA ± 5%	40W
LP1040-18-C2200	9~18V	2200mA ± 5%	40W
LP1040-22-C1820	12~22V	1820mA ± 5%	40W
LP1040-24-C1670	12~24V	1670mA ± 5%	40W
LP1040-36-C1100	18~36V	1100mA ± 5%	40W

Mechanical Drawing

