

## LP1040 Series

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

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

UL<sup>®</sup>us CE FCC IP66

### Specifications

AC Input : 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 : UL1310 Class 2, UL48, cUL
Current Crest Factor (Ipk) : 1.5 Max.	EN55022 B, EN55011 B, EN55024
Total Harmonic Distortion : 20% Max.	EN55015, EN61000-3-2, EN61000-3-3, EN61547
Efficiency : 85% Typical	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 Min. Max.	Watts 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(V) Forward Voltage	Output Constant Current	Watts Max.
LP1040-09-C4450	6 ~ 9V	4450mA ± 5%	40W
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-C2220	9~18V	2220mA ± 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

