

■ AC to DC Switch Power Supply 32-40 Watts



**Applications**

- LED Architectural Lighting
- LED Commercial Industrial Lighting
- LED Lighting

**Features**       IP66 RoHS REACH

Available in Constant Current or Constant Voltage  
 Protection : OCP, SCP- Auto Recovery ; OVP  
 Suitable for Dry, Damp Locations, IP66 ; Convection Cooled in plastic housing  
 Five Years Warranty ( Life @ Tc : 80°C 40,000 Hours )

**Certifications**

UL879, UL1310, UL8750 Class 2, cUL ( Type HL, Type TL ), FCC B, CB, PSE, CE ( EN55015, EN61547, EN61347-2-13, EN61000-3-2 class C )

**Specifications**

AC Input Range : 100-240/277Vac / 0.5-0.2A / 50/60Hz	PF > 0.9, THD < 20% : Input 100- 230Vac, Load > 80%
Input Inrush Current : < 10A / 115Vac, < 20A / 230Vac	Efficiency : 12V/82%, 18V/83%, 24V/86%, 36V/87%, 48V/88% at 115Vac full load
Surge Immunity (IEC61000-4-5) : 4KV	Load Regulation : ±5%
Turn on delay time : < 1 Sec.	DC Output Ripple/Noise p-p : ±15%@CV
Operation Temp. : -40°C ~ +50°C, Tc : 90°C, Storage Temp. : -40°C ~ +85°C	MTBF(@50°C) : > 50,000 Hours, MIL-217F

**Model List**

Model	Constant Voltage Mode (CV)		Constant Current Mode (CC)		Max. Watts (UL Safety)
	Fixed Output Voltage	Output Current Range	Fixed Output Current Range	Output Voltage Range	
LP1040-09	9V	2000 ~ 4450mA	3000 ~ 4450mA	6~ 9V	40W (cUL- class 2)
LP1040-10	10V	2000 ~ 4000mA	3000 ~ 4000mA	6~ 10V	40W (cUL- class 2)
LP1040-12	12V	1600 ~ 3330mA	1700 ~ 3330mA	7 ~ 12V	40W (cUL- class 2)
LP1040-13	13V	1600 ~ 3080mA	1700 ~ 3080mA	7 ~ 13V	40W (cUL- class 2)
LP1040-15	15V	1100 ~ 2660mA	1200 ~ 2660mA	10 ~ 15V	40W (cUL- class 2)
LP1040-18	18V	1100 ~ 2220mA	1200 ~ 2220mA	10 ~ 18V	40W (cUL- class 2)
LP1040-22	22V	800 ~ 1820mA	900 ~ 1820mA	13 ~ 22V	40W (cUL- class 2)
LP1040-24	24V	800 ~ 1670mA	900 ~ 1670mA	13 ~ 24V	40W (cUL- class 2)
LP1040-36	36V	500 ~ 1110mA	600 ~ 1110mA	20 ~ 42V	40W (cUL- class 2)
LP1040-48	48V	400 ~ 830mA	500 ~ 830mA	28 ~ 52V	40W (cUL- class 2)

Note 1: We can provide any fixed output current or voltage between 500 ~ 4450mA or 9 ~ 48V to meet customers' requirements.

**Model Information**

LP1040-XX-Cnnnn  
 1040 = Single DC Output, 40 Watts Max.  
 XX = Voltage Output, 12 = 12V, ... , 48 = 48V.  
 Cnnnn = (Optional or blank) Constant Current Output,  
 C4450 = 4450mA, ... , C0830 = 830mA.

**Mechanical Drawing**

Case Dimension : 95(L), 70(W), 32(H)mm  
 Weight : 355g typical  
 CUFT : 0.015' / ea

