

■ AC to DC Switch Power Supply 32~40 Watts



Applications

LED Architectural Lighting
LED Commercial Industrial Lighting
LED Lighting

Features

cUL[®]us [®]UL[®] FCC CE CB  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

