

LP1020 Series

20 Watts
AC to DC Switch
Power Supply

AC to DC Switch Power Supply 20 Watts



Applications

LED Signage
LED Architectural Lighting
LED Industrial Lighting
LED Channel Letter

Features

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

cUL^{us} CE FC IP66

Specifications

AC Input : 100~240Vac / 0.3~0.15A / 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,EN55015
Total Harmonic Distortion : 20% Max.	EN61000-3-2,EN61000-3-3,EN61547,EN61347-2-13
Efficiency : 85% Typical	IP66-IEC60529,FCC Part 15,Subpart B,Class B
Protection : OCP,SCP,OVP - Auto Recovery	Dimension : 95(L),40(W),25(H) mm
Operation Temp. : -30°C~ +60°C,Tc : 90°C	Weight : 170 Grams Typical

Model Listing

Model	DC Output Constant Voltage	Output Current Min. Max.	Watts Max.	Model	DC Output(V) Forward Voltage	Output Constant Current	Watts Max.
LP1020-10	10V ± 5%	200 ~2000mA	20W	LP1020-10-C2000	7~10V	2000mA ± 5%	20W
LP1020-12	12V ± 5%	166 ~1660mA	20W	LP1020-12-C1660	7~12V	1660mA ± 5%	20W
LP1020-15	15V ± 5%	133 ~1330mA	20W	LP1020-15-C1330	9~15V	1330mA ± 5%	20W
LP1020-18	18V ± 5%	111 ~ 1100mA	20W	LP1020-18-C1100	9~18V	1100mA ± 5%	20W
LP1020-24	24V ± 5%	83 ~ 830mA	20W	LP1020-24-C0830	12~24V	830mA ± 5%	20W
LP1020-36	36V ± 5%	55 ~ 550mA	20W	LP1020-36-C0550	18~36V	550mA ± 5%	20W

Mechanical Drawing

