

LP1020 Series

20W AC to DC Switching Power Supply



FEATURES

- DC output with Constant Current or Constant Voltage
- Waterproof design - IP66 for dry / damp locations
- Convection cooled in plastic housing

ELECTRICAL SPECIFICATIONS

AC Input	90-264VAC, Single Phase, 50/60Hz
Inrush Current	<10A/115Vac : <20A/230Vac
Power Factor	>0.92 at full load, 115Vac, 230Vac
Current Crest Factor	1.5 Max.
Total Harmonic Distortion	20% Max.
Efficiency	85% Typical
Protections	OCP, SCP, OVP - Auto-recovery

Dimensions	95(L) x 40(W) x 25(H)mm
Weight	0.17Kg

ENVIRONMENTAL

Operating Temp:	-30 to +60°C
Storage Temp:	-40 to +85°C

SAFETY / EMC

UL1310 Class 2
UL48

EN55022 B
EN55011
EN55024
EN55015
EN61000-3-2,-3
EN61547
EN61347-2-13

MODEL LISTINGS

Model	DC Output Constant Voltage	Output Current		Watts Max.
		Min.	Max.	
LP1020-10	10V ±5%	200-2000mA		20W
LP1020-12	12V ±5%	166-1660mA		20W
LP1020-15	15V ±5%	133-1330mA		20W
LP1020-18	18V ±5%	111-1100mA		20W
LP1020-24	24V ±5%	83-830mA		20W
LP1020-36	36V ±5%	55-550mA		20W

Model	DC Output (Vf) Forward Voltage	Output Constant Current	Watts Max.
LP1020-10-C2000	7~10V	2000mA ±5%	20W
LP1020-12-C1660	7~12V	1660mA ±5%	20W
LP1020-15-C1330	9~15V	1330mA ±5%	20W
LP1020-18-C110	9-18V	1100mA ±5%	20W
LP1020-24-C0830	12-24V	830mA ±5%	20W
LP1020-36-C0550	18-36V	550mA ±5%	20W

Specifications subject to change without notice

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