

# LP1060 Series

## 60W AC to DC Switching Power Supply



### FEATURES

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

### ENVIRONMENTAL

Operating Temp: -25 to +50°C

Storage Temp: -40 to +85°C

### SAFETY / EMC

UL1310 Class 2  
UL48

EN55022 A / EN55024 / EN55015  
EN61000-3-2,-3 / EN61547

### MODEL LISTINGS

Model	Constant Voltage MODE		Constant Current MODE		Output Max. Watts
	VDC - Output adjust range	Output Current Max. (A)	DC Output (Vf) Forward Voltage	Output Current adjust range	
LP1060-24-YZ-E	18~24V	2.50A	13~24V	1.75~2.50A	60W
LP1060-18-YZ-E	14~18V	3.33A	11~18V	2.00~3.33A	60W
LP1060-15-YZ-E	10~15V	4.00A	9~15V	2.45~4.00A	60W
LP1060-12-YZ-E	7~12V	5.00A	7~12V	3.20~5.00A	60W
LP1060-10-YZ-E	7~10V	5.00A	7~10V	3.20~5.00A	50W

### ELECTRICAL SPECIFICATIONS

AC Input	90-264VAC, Single Phase, 47~63Hz
Inrush Current	<20A/115Vac : <40A/230Vac
Power Factor	>0.92 at full load, 115Vac, 230Vac
Efficiency	80% Typical
Load Regulation	±3%
Ripple & Noise	3% pk-pk
Protections	OCP, SCP, OVP - Auto-recovery
Dimensions	63(W) x 40(H)mm (length see model type)
Weight	0.75Kg (290mm) / 0.6kg (170mm) typical

### MODEL INFORMATION

LP1060-XX-YZ-E

XX = Voltage rating, 10(10V), 12(12V), etc.  
Y = AC Input End Plate, G = Gland, T = Terminal block  
Z = DC Output End Plate, G = Gland, T = Terminal block  
E = Housing Length, 170(170mm), 240(240mm), 290(290mm)

eg. LP1060-12-GT-170  
12V, Gland AC Input Plate, Terminal Block Output, 170mm long

Specifications subject to change without notice

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