

Project Name:	
Type:	

HLP1030 Series

AC to DC LED Power Supply
15 - 30 Watts

PRODUCT FEATURE

- Available in Constant Current
- Compatible with 0 - 10V Dimming Controller
- Suitable for Dry, Damp Locations, IP66
- Convection Cooled in plastic housing
- RoHS, REACH Compliant
- UL8750, Class 2, cUL, FCC B, CE
- 5 Years Warranty (Life @ Tc: 80°C 40,000 Hours)



 **IP66 RoHS REACH**

WARRANTY

- See [Limited Warranty Policy](#) for more additional information

SPECIFICATIONS

AC INPUT RANGE :	100 – 295Vac/ 0.4A – 0.2A/ 47 – 63Hz	LOAD REGULATION :	+/-5%
INPUT INRUSH CURRENT :	<10A/ 115Vac, <20A/ 230Vac	DIMMING OFF :	< 0.5W
PF > 0.9, THD < 20% :	100 – 277Vac at 70% loading up	ISOLATED CIRCUIT DIMMING :	Yes
PF > 0.9, THD < 20% :	100 – 230Vac at 50% loading up	TURN-ON DELAY TIME :	< 1 sec. 100Vac, 0.5 sec. @ 230Vac
SURGE IMMUNITY (IEC61000-4-5) :	Test 4KV	OPERATION TEMP. :	-40°C - +50°C, Tc: 90°C
EFFICIENCY :	86% @ Full load at 230Vac	STORAGE TEMP. :	-40°C - + 85°C
DC OUTPUT RIPPLE/ NOISE :	< 10% (42, 56V), <15% (28V)	MTBF(@50°C) :	>50,00 hours, MIL-217F
TOTAL OUTPUT CURRENT RIPPLE/ NOISE :	<150%	SAFETY :	UL8750 Class 2, FCC B, IP66, CE (EN55015, EN61347....)
PROTECTION :	OCP, SCP, OTP (limit-CC) – Auto Recovery	DIMENSION :	95 x 40 x 25mm (L x W x H), Weight: 200g

MODEL LIST

MODEL	DC OUTPT (Vf) FORWARD VOLTAGE	OUTPUT CONSTANT CURRENT	MAX WATTS
HLP1030-28-Cnnnn	14 – 28V	900 – 1200mA	30W
HLP1030-42-Cnnnn	21 – 42V	600 – 850mA	30W
HLP1030-56-Cnnnn	28 – 56V	400 – 650mA	30W
HLP1030-86-Cnnnn	48 – 86V	350 – 530mA	30W (w/o UL)

NOTE 1: The Constant Current mode can be sent to user requirements.

HLP1030-XX-Cnnnn

1030 : Single DC Output, 30 Watts Max.

XX : Output Voltage (Vf)

Cnnnn : Constant Current Output , C0600=600mA,C0900=900mA...,C1200= 1200mA.

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MECHANICAL DRAWING

Case Dimension: 95 x 40 x 25 (L x W xH)

Weight: 200g

