

Project Name:	
Type:	

HLP1055 Series

AC to DC LED Power Supply
35 - 58 Watts

PRODUCT FEATURE

- Available in Constant Current
- Compatible with 0 - 10V Dimming Controller
- No load power consumption < 0.5W at 277Vac
- Surge Immunity (IEC61000-4-5): 6KV
- Protection: SCP, OVP, OTP (limit-CC) - Auto recovery
- Suitable for Dry, Damp Locations
- Convection Cooled in plastic housing
- 5 Years Warranty (Life @ Tc: 80°C 40,000 Hours)



CERTIFICATIONS

- UL8750 Class 2, cUL (Type HL,TL), FCC B, PSE, CE (EN55015, EN61547, EN61347-2-13, EN61000-3-2 Class C)

WARRANTY

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

SPECIFICATIONS

AC INPUT RANGE :	100 – 277Vac/ 0.5 – 0.7A/ 50/ 60Hz	PF > 0.92, THD < 20% :	Input 115 – 230Vac, Load > 60%
INPUT INRUSH CURRENT	< 10A/ 115Vac, <20A/ 230Vac at cold start	PF > 0.90, THD < 20% :	Input 277 – 230Vac, Load > 70%
LEAKAGE CURRENT :	< 0.75mA/ 230Vac, Surge Immunity: 6KV		
TURN ON DELAY TIME :	< 1 Sec.	LOAD REGULATION :	±5%
OPERATION TEMP. :	-40°C - +55°C, Tc: 87°C	DC OUTPUT RIPPLE/ NOISE :	< 10% (42V, 56V), <15% (32V)
STORAGE TEMP. :	-40°C - +85°C	MTBF(@50°C) :	> 50,000 Hours, MIL-HDBK-217F

MODEL LIST

MODEL	CONSTANT CURRENT MODE (CC)		MAX WATTS (UL SAFETY)
	FIXED OUTPUT CURRENT RANGE	OUTPUT VOLTAGE RANGE	
HLP1055-32-Cnnnn	1500 – 2100mA	16 – 32V	58W (cUL – Class 2)
HLP1055-42-Cnnnn	1100 – 1600mA	21 – 42V	58W (cUL – Class 2)
HLP1055-56-Cnnnn	900 – 1250mA	28 – 56V	58W (cUL – Class 2)

HLP1055-XX-Cnnnn-DDDD

1055 : Single DC Output, 58 Watts Max.

XX : Output Voltage, 32, 42, 56 (Max. forward voltage [Vdc])

Cnnnn : Constant Current Output, 2100=2100mA, C0900= 900mA

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MECHANICAL DRAWING

