

LP1013 LED Driver

For High Power LED Lighting Applications

Total Power	12 Watts max.
Input Voltages	100 ~ 277VAC
Number of Outputs	One

Product Specifications

ANZ#: Z175d, June 23, 2012

Features :

DC Output with Constant Current
or Constant Voltage
IP66 compliant
For dry or damp locations only
Convection Cooled in plastic housing
Meet UL8750, Class 2, cUL, FCC A, CE
Three Years Warranty

Applications :

LED Back Light
LED Architectural Lighting
LED General Luminaire
LED Channel Letter
LED Down Light



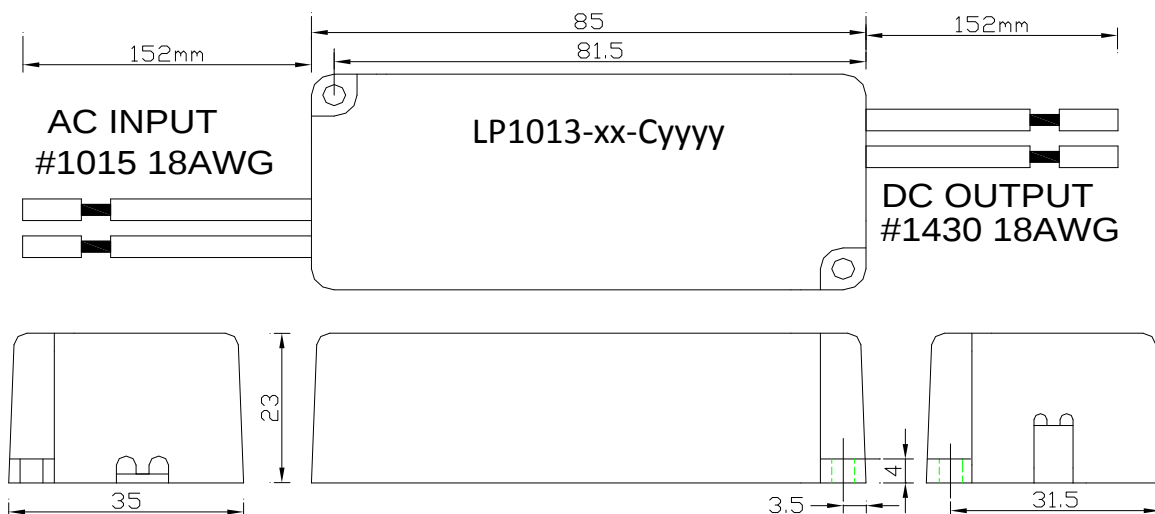
UL[®] US **CE** **IP66**

AC Input Range : 100~277Vac / 0.2~0.1A / 47~63Hz	Operating Temp.: -40~+60°C, Tc:90°C (De-rate 2%/°C from 60°C)
Input Inrush Current : <10A/115Vac , <20A/230Vac	Storage Temp. : -40°C ~ +85°C
Power Factor : >0.92 at full load , THD: 20% max.	MTBF(@25°C) : >50,000 Hours, MIL-217F
Efficiency : 84% Typical	Safety Meet : UL8750, Class 2 , CUL (pending)
DC Output Ripple/Noise p-p : 3%	EMI EN55015 A, EN61347, CE, FCC A, IP66, NEMA4.
Load Regulation : ±3%	Dimension : 85(L), 35(W), 23(H) mm
Protection : OVP, OCP, SCP, OTP - Auto Recovery	Weight : 120 Grams Typical

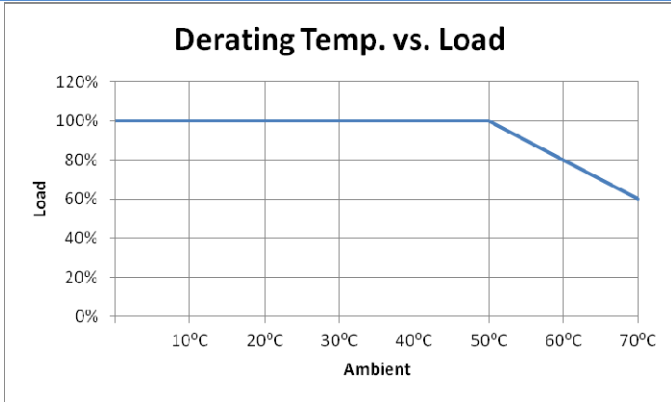
Model Listing :

Model	DC Output Constant Voltage	Output Current Min. Max.	Watts Max.	Model	DC Output(Vf) Forward Voltage	Output Constant Current	Watts Max.
LP1013-12	12V ± 5%	100 - 1000mA	12W	LP1013-12-C1000	8~12V	1000mA ± 5%	12W
LP1013-18	18V ± 5%	70 - 700mA	12.6W	LP1013-18-C0700	9~18V	700mA ± 5%	12.6W
LP1013-24	24V ± 5%	50 - 500mA	12W	LP1013-24-C0500	12~24V	500mA ± 5%	12W
LP1013-36	36V ± 5%	35 - 350mA	12.6W	Lp1013-36-C0350	18~36V	350mA ± 5%	12.6W

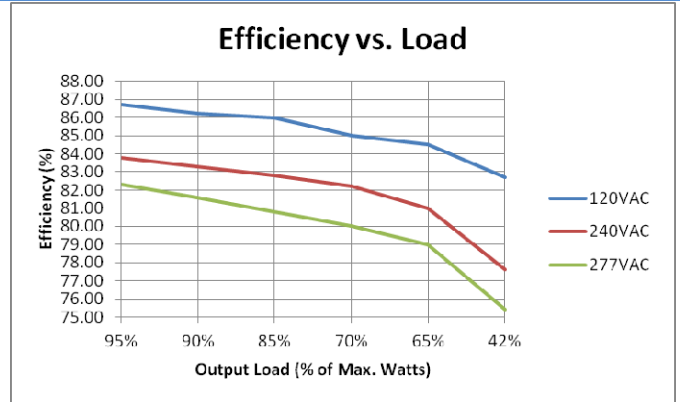
Mechanical :



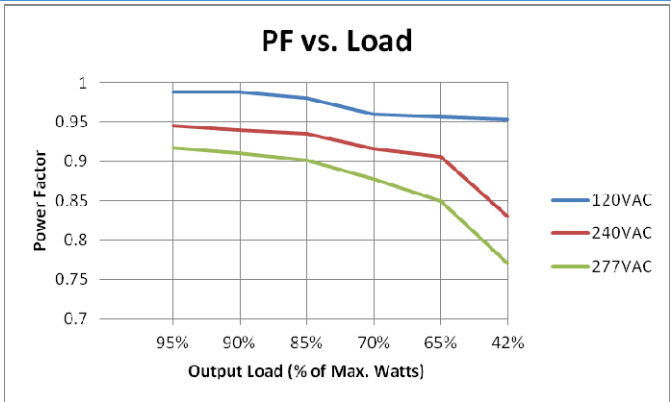
De-rating Temp. vs. Load



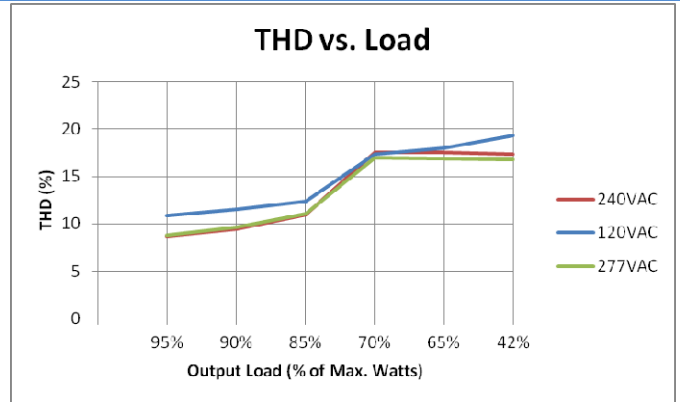
Efficiency vs. Load



Power Factor vs. Load



THD vs. Load



Life Time vs. Ambient Temp.

