

PLP Series

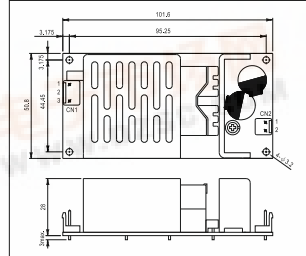
30~60W Single Output with PFC



30W Single Output LED Power Supply

- Universal AC input / Full range
- Protections: Short circuit / Overload/ Over voltage
- Built-in active PFC function
- Cooling by free air convection
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

UL / CUL / TUV / CE pending

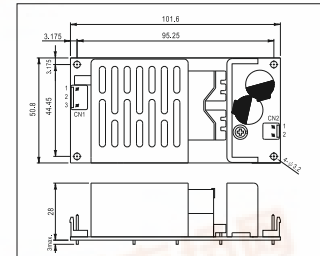


AC input voltage range90~264VAC; 127~370VDC
 AC inrush currentCold start, 40A at 230VAC
 DC adjustment range±10% rated output voltage
 Overload protection100~110% constant current, auto-recovery
 Over voltage protection 115%~135% shut off, re-power on to recover
 Setup, rise, hold up time .. 2000ms, 100ms at full load and 230VAC, no load up time
 Withstand voltage I/P - O/P: 3KVAC, I/P - FG: 1.5KVAC, 1 minute
 Working temperature-30°C~70°C (refer to output derating curve)
 Safety standardsDesign refer to UL60950-1, TUV EN61347-1, EN61347-2-13
 EMC standardsEN55015, EN55022 class B, EN61000-3-2 Class C(>25W), EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61547
 Connection3+2P / 3.96mm pitch, JST P/N: B3P / B2P-VH

60W Single Output LED Power Supply

- Universal AC input / Full range
- Protections: Short circuit / Overload/ Over voltage
- Built-in active PFC function
- Cooling by free air convection
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

UL / CUL / TUV / CE pending



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 Withstand voltage I/P - O/P: 3KVAC, I/P - FG: 1.5KVAC, 1 minute
 Working temperature-30°C~70°C (refer to output derating curve)
 Safety standardsDesign refer to UL60950-1, TUV EN61347-1, EN61347-2-13
 EMC standardsEN55015, EN55022 class B, EN61000-3-2 Class C(>50% load), EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61547
 Connection3+2P / 3.96mm pitch, JST P/N: B3P / B2P-VH

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12871	PLP-30-12	12V, 0~2.5A	±10%	2.0V	83.0%
12872	PLP-30-24	24V, 0~1.3A	±10%	2.6V	86.5%
12873	PLP-30-48	48V, 0~0.63A	±10%	3.7V	87.5%

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12881	PLP-60-12	12V, 0~5.0A	±10%	4.5V	83.0%
12882	PLP-60-24	24V, 0~2.5A	±10%	4.5V	86.5%
12883	PLP-60-48	48V, 0~1.3A	±10%	4.3V	87.5%

Comparison Chart

Model Name	Case		Glued	PFC	V / I Adj.	IP	Hold-up Time	Ripple & Noise	Optional Dimming	Application
	Metal	Plastic								
CLG-150/240 (Non class 2)	V		V	V	V	65/67	Normal	Normal		General
CLG-100	V		V	V		67	Normal	Normal		General
CLG-60	V		V	V		67	Non	High		LED
PLN-100		V		V	V	64	Normal	Normal		General
PLN-60		V		V	V	64	Non	High		LED
PLN-30		V		V	V	64	Non	High		LED
PLC-100		V		V	V	----	Normal	Normal		General
ELN-60		V			V	64	Normal	Normal	V	General
ELN-30		V			V	64	Normal	Normal	V	General
LPH / LPL-18 LPV / LPC-20/35/60		V	V			67	Normal	Normal		General

