

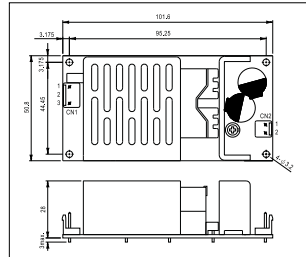
# PLP Series

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

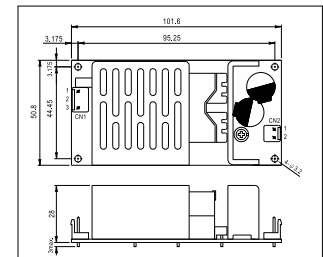


AC input voltage range .....90~264VAC; 127~370VDC  
 AC inrush current .....Cold start, 40A at 230VAC  
 DC adjustment range .....±10% rated output voltage  
 Overload protection .....100~110% constant current, auto-recovery  
 Over voltage protection .... 115%~135% shut off, re-power on to recover  
 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 standards .....Design refer to UL60950-1, TUV EN61347-1, EN61347-2-13  
 EMC standards .....EN55015, EN55022 class B, EN61000-3-2 Class C(>25W), EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61547  
 Connection ..... 3+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%

## 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



AC input voltage range .....90~264VAC; 127~370VDC  
 AC inrush current .....Cold start, 40A at 230VAC  
 DC adjustment range .....±10% rated output voltage  
 Overload protection .....100~110% 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 standards .....Design refer to UL60950-1, TUV EN61347-1, EN61347-2-13  
 EMC standards .....EN55015, EN55022 class B, EN61000-3-2 Class C(>50% load), EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61547  
 Connection ..... 3+2P / 3.96mm pitch, JST P/N: B3P / B2P-VH

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	V	67	Normal	Normal		General
CLG-60	V		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



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- Total Solution