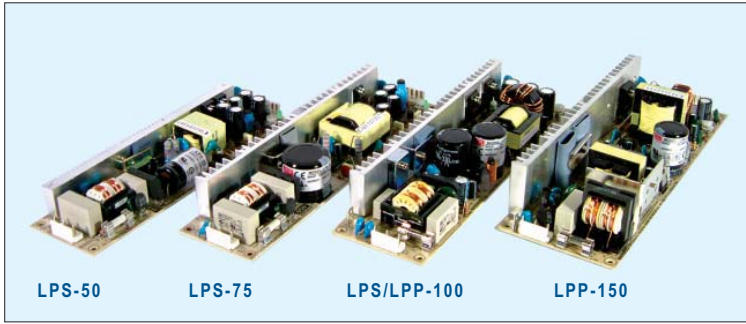


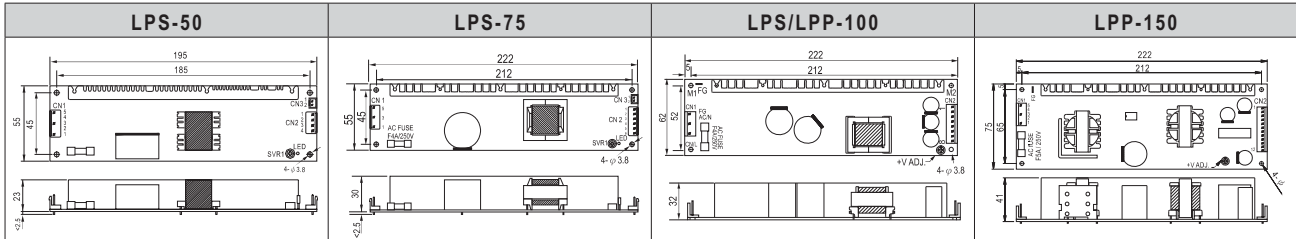
# LPS/LPP Series

50~150W Single Output



## Features

- Universal AC input / Full range
- Built-in active PFC function (LPP-100/150)
- Protections: Short circuit / Overload / Over voltage
- Optional over temperature protection for LPP-150
- Built-in remote ON/OFF control (LPS-50/75)
- Cooling by free air convection
- 100% full load burn-in test
- 2 years warranty for LPS series
- 3 years warranty for LPP series



## General Specification (Please refer to [www.meanwell.com](http://www.meanwell.com) for detail spec.)



Model No.	LPS-50	LPS-75	LPS-100	LPP-100	LPP-150	
AC input voltage range	90~264VAC		115/230 auto switch		85~264VAC	
AC inrush current (230VAC)	35A	36A	60A	30A	40A	
DC adjustment range	±10% rated output voltage			-5~+10% rated output voltage		
Overload protection	Range	122%~160%	115%~150%	105%~140%		
	Type	Hiccup mode, auto recovery			Constant current limiting, auto recovery	
Over voltage protection	Range	110%~135% of rated output voltage				
	Type	Hiccup mode, auto recovery			Shut off, AC recycle to re-start	
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC, 1 minute					
Working temperature	-20~+70°C (refer to output derating curve)		-10~+60°C (refer to output derating curve)			
Safety standards	UL60950-1, TUV EN60950-1 approved					
EMC standards	EN55022 class B, EN61000-3-2,3, ENV50204, EN61000-4-2,3,4,5,6,8,11 (EN61000-6-2 heavy industry level for LPS-50/75 only)					
Connection	JST B5P / B4P-VH	JST B5P / B6P-VH	5P+8P/3.96mm pitch, JST B5P / B8P-VH		JST B5P / B6Px2-VH	
Dimension (L*W*H)(mm)	195x 55x 23	222x 55x 30	222x 62x 32		222x 75x 41	
Packing	48pcs / 12.5kg	48pcs / 15.6kg	24pcs / 12.5kg	24pcs / 13.9kg	24pcs / 16.6kg	

## 50W LPS-50

Model No.	Output	Tol.	R&N	Effi.
LPS-50-3.3	3.3V, 0~10A	±3%	50mV	75%
LPS-50-5	5V, 0~10A	±3%	50mV	81%
LPS-50-12	12V, 0~4.2A	±2%	80mV	82%
LPS-50-15	15V, 0~3.4A	±2%	80mV	84%
LPS-50-24	24V, 0~2.1A	±1%	80mV	85%
LPS-50-48	48V, 0~1.1A	±1%	100mV	86%

## 75W LPS-75

Model No.	Output	Tol.	R&N	Effi.
LPS-75-3.3	3.3V, 0~15A	±3%	80mV	69%
LPS-75-5	5V, 0~15A	±3%	80mV	77%
LPS-75-12	12V, 0~6.2A	±2%	100mV	80%
LPS-75-15	15V, 0~5.0A	±2%	100mV	81%
LPS-75-24	24V, 0~3.2A	±2%	120mV	83%
LPS-75-48	48V, 0~1.56A	±2%	120mV	83%

## 100W LPS-100

Model No.	Output	Tol.	R&N	Effi.
LPS-100-3.3	3.3V, 0~20A	±3%	150mV	69%
LPS-100-5	5V, 0~20A	±3%	100mV	77%
LPS-100-7.5	7.5V, 0~13.3A	±2%	100mV	77%
LPS-100-12	12V, 0~8.4A	±2%	100mV	79%
LPS-100-13.5	13.5V, 0~7.5A	±2%	100mV	79%
LPS-100-15	15V, 0~6.7A	±2%	100mV	80%

LPS-100-24	24V, 0~4.2A	±1%	150mV	80%
LPS-100-27	27V, 0~3.8A	±1%	150mV	81%
LPS-100-48	48V, 0~2.1A	±1%	200mV	81%

## 100W (with PFC Function) LPP-100

Model No.	Output	Tol.	R&N	Effi.
LPP-100-3.3	3.3V, 0~20A	±2%	100mV	69%
LPP-100-5	5V, 0~20A	±2%	100mV	75%
LPP-100-7.5	7.5V, 0~13.5A	±2%	100mV	76%
LPP-100-12	12V, 0~8.5A	±2%	100mV	79%
LPP-100-13.5	13.5V, 0~7.5A	±2%	100mV	79%
LPP-100-15	15V, 0~6.7A	±2%	100mV	80%
LPP-100-24	24V, 0~4.2A	±1%	150mV	83%
LPP-100-27	27V, 0~3.8A	±1%	150mV	83%
LPP-100-48	48V, 0~2.1A	±1%	250mV	83%

## 150W (with PFC Function) LPP-150

Model No.	Output	Tol.	R&N	Effi.
LPP-150-3.3	3.3V, 0~30A	±2%	150mV	66%
LPP-150-5	5V, 0~30A	±2%	100mV	72%
LPP-150-7.5	7.5V, 0~20A	±2%	100mV	76%
LPP-150-12	12V, 0~12.5A	±2%	100mV	79%
LPP-150-13.5	13.5V, 0~11.2A	±2%	100mV	80%
LPP-150-15	15V, 0~10A	±2%	100mV	80%
LPP-150-24	24V, 0~6.3A	±1%	150mV	83%
LPP-150-27	27V, 0~5.6A	±1%	150mV	83%
LPP-150-48	48V, 0~3.2A	±1%	250mV	83%