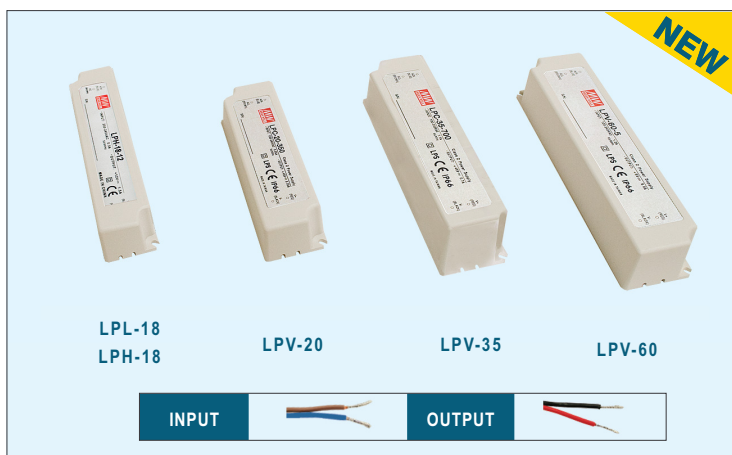


LP Series

18~60W Single Output Class 2 Power Unit



Features

- Universal AC input / Full range (LPV)
- 180~264VAC input only (LPH-18)
- 90~132VAC input only (LPL-18)
- Fully encapsulated with IP67 level
- Protections: Short circuit / Overload / Over voltage
- Over temperature protection (LPH-18 / LPL-18 only)
- **Constant voltage design**
- Withstand 300VAC surge input for 5 seconds
- Two wire input / output style, no F.G.
- Cooling by free air convection
- Pass LPS
- 100% full load burn-in test
- Low cost, high reliability
- Suitable for LED lighting and moving sign applications
- 2 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	LPL-18	LPH-18	LPV-20	LPV-35	LPV-60
AC input voltage range	90~132VAC	180~264VAC	90~264VAC		
AC inrush current (max.)	Cold start, 40A at 115VAC	Cold start, 50A at 230VAC	Cold start, 70A at 230VAC	Cold start, 60A at 230VAC	
Overload	Range >105%		110%~150%		
Protection	Type Hiccup mode, auto-recovery				
Over voltage protection	115~135% rated output voltage				
Withstand voltage	I/P-O/P: 3KVAC				
Working temperature	-25~+70°C		-30~+70°C	-30~+75°C	-30~+60°C
Vibration	10~500Hz, 2G 10 minutes /1 cycle, period for 60 minutes each along X, Y, Z axes				
Safety standards	Design refer to UL1310 class 2, TUV EN60950-1, EN61347-2-13				
EMC standards	FCC part 15 class B		EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204		
Connection (Input/Output)	UL rated, 18AWGx2C (30cm)		UL rated, 18AWGx2C (60cm)	UL rated, 16AWGx2C (60cm)	
Dimension (L*W*H)(mm)	140x 30x 20		118x 35x 26	148x 40x 30	162x 42x 30

18W (C.V. mode) LPL-18

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11761	LPL-18-12	12V, 0~1.5A	±3%	120mV	80%
11762	LPL-18-24	24V, 0~0.75A	±3%	150mV	83%
11763	LPL-18-36	36V, 0~0.5A	±3%	200mV	84%

18W (C.V. mode) LPH-18

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11551	LPH-18-12	12V, 0~1.5A	±3%	120mV	77%
11552	LPH-18-24	24V, 0~0.75A	±3%	150mV	83%
11553	LPH-18-36	36V, 0~0.5A	±3%	200mV	84%

20W (C.V. mode) LPV-20

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11561	LPV-20-5	5V, 0~3.0A	±5%	80mV	77%
11562	LPV-20-12	12V, 0~1.67A	±5%	120mV	81%
11563	LPV-20-15	15V, 0~1.33A	±5%	120mV	83%
11564	LPV-20-24	24V, 0~0.84A	±5%	150mV	83%

35W (C.V. mode) LPV-35

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11581	LPV-35-5	5V, 0~6.0A	±6%	80mV	74%
11582	LPV-35-12	12V, 0~3.0A	±5%	120mV	84%
11583	LPV-35-15	15V, 0~2.4A	±5%	120mV	84%
11584	LPV-35-24	24V, 0~1.5A	±5%	150mV	85%
11585	LPV-35-36	36V, 0~1.0A	±5%	150mV	85%

60W (C.V. mode) LPV-60

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11601	LPV-60-5	5V, 0~8.00A	±8%	80mV	76%
11602	LPV-60-12	12V, 0~5.00A	±5%	120mV	83%
11603	LPV-60-15	15V, 0~4.00A	±5%	120mV	83%
11604	LPV-60-24	24V, 0~2.50A	±5%	150mV	86%
11605	LPV-60-36	36V, 0~1.67A	±5%	150mV	86%
11606	LPV-60-48	48V, 0~1.25A	±5%	150mV	86%



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