



Features

- Universal AC input / Full range
- Fully encapsulated with IP67 level
- Protections: Short circuit / Overload / Over voltage
- **Constant voltage design**
- Withstand 300VAC surge input for 5 seconds
- Isolation class II, no F.G.
- Cooling by free air convection
- UL1310 Class 2 power unit (except for LPV-100)
- Pass LPS (except for LPV-100)
- 100% full load burn-in test
- Low cost, high reliability
- Suitable for LED-based decorative / architectural lighting, LED stage and theater lighting
- 2 years warranty

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

Model No.	LPV-20	LPV-35	LPV-60	LPV-100 Under Development
AC input voltage range	90~264VAC			
AC inrush current (max.)	Cold start, 70A at 230VAC		Cold start, 60A at 230VAC	
Overload	Range: 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	-30~+70°C	-30~+75°C	-30~+70°C	-25~+70°C
Vibration	10~500Hz, 2G 10 minutes /1 cycle, period for 60 minutes each along X, Y, Z axes			
Safety standards	UL1310 class 2 (except for LPV-60-5 & LPV-100), CAN/CSA-C22.2 No. 223-M91 (except for LPV-60-5. LPV-60-48 & LPV-100), UL879 (LPV-20 only) approved; Design refer to TUV EN60950-1, EN61347-2-13			
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204			
Connection	Input	UL rated, 18AWGx2C (60cm)		18AWGx2C (60cm)
	Output	UL rated, 18AWGx2C (60cm)		14AWGx2C (60cm)
Dimension (LxWxH)(mm)	118x 35x 26	148x 40x 30	162.5x 42.5x 32	190x 51x 35

LPV-20 Series (C.V. mode)



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

LPV-60 Series (C.V. mode)



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

LPV-35 Series (C.V. mode)



Model No.	Output	Tol.	R&N	Effi.
LPV-35-5	5V, 0~5.0A (Peak 6A)	±6%	80mV	77%
LPV-35-12	12V, 0~3.0A	±5%	120mV	84%
LPV-35-15	15V, 0~2.4A	±5%	120mV	84%
LPV-35-24	24V, 0~1.5A	±5%	150mV	85%
LPV-35-36	36V, 0~1.0A	±5%	150mV	85%

LPV-100 Series (C.V. mode)



Model No.	Output	Tol.	R&N	Effi.
LPV-100-5	5V, 0~12.0A	±8%	80mV	78%
LPV-100-12	12V, 0~8.5A	±5%	120mV	84%
LPV-100-15	15V, 0~6.7A	±5%	120mV	85%
LPV-100-24	24V, 0~4.2A	±5%	150mV	86%
LPV-100-36	36V, 0~2.8A	±5%	150mV	87%
LPV-100-48	48V, 0~2.1A	±5%	150mV	88%



We are a TQM (Total Quality Management) company and ISO-9001 certified since 1994.