



Features

- 180~264VAC input only (LPH-18 / LPHC-18)
- 90~132VAC input only (LPL-18 / LPLC-18)
- Fully encapsulated with IP67 level
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Constant voltage design (LPL-18 / LPH-18)
- Constant current design (LPLC-18 / LPHC-18)
- Isolation class II, no F.G.
- Cooling by free air convection
- Pass LPS
- 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.	LPLC-18	LPHC-18	LPL-18	LPH-18
AC input voltage range	90~132VAC	180~264VAC	90~132VAC	180~264VAC
AC inrush current (max.)	Cold start, 40A at 115VAC	Cold start, 50A at 230VAC	Cold start, 40A at 115VAC	Cold start, 50A at 230VAC
Overload	Range ±5% rated output current		>105% rated output current	
Protection	Type Constant current limiting, auto-recovery		Hiccup mode, auto-recovery	
Over voltage protection	105%~135% rated output voltage		115%~135% rated output voltage	
Withstand voltage	I/P-O/P: 3kVAC			
Working temperature	-30~+70°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, CAN/CSA-C22.2 No. 223-M91, EN61347-2-13; TUV EN60950-1 approved (LPH-18)			
EMC standards	FCC part15 class A (LPLC-18 only), EN55022 class A, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204		FCC part15 class B (LPL-18 only), EN55022 class B, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204	
Connection	Input	UL rated, 18AWGx2C (30cm)		
	Output			
Dimension (LxWxH)(mm)	140x 30x 22			
Packing	0.175kg; 70pcs / 13.3kg			

LPLC-18 Series (C.C. mode)

Model No.	Output	Tol.	R&N	Effi.
LPLC-18-350	6~48V, 350mA	±5%	300mV	82%
LPLC-18-700	6~25V, 700mA	±5%	250mV	80%

LPHC-18 Series (C.C. mode)

Model No.	Output	Tol.	R&N	Effi.
LPHC-18-350	6~48V, 350mA	±5%	300mV	80%
LPHC-18-700	6~25V, 700mA	±5%	250mV	80%

LPL-18 Series (C.V. mode)

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

LPH-18 Series (C.V. mode)

Model No.	Output	Tol.	R&N	Effi.
LPH-18-12	12V, 0~1.5A	±3%	120mV	78%
LPH-18-24	24V, 0~0.75A	±3%	150mV	82%
LPH-18-36	36V, 0~0.5A	±3%	200mV	83%

12W Single Output LED Power Supply

Under Development

- Universal AC input / Full range
- Constant voltage design (APV-12)
- Constant current design (APC-12)
- Fully isolated plastic case
- Cooling by free air convection
- Small and compact size
- Low cost
- Output models: 350mA / 700mA (LPC-12)
5V / 12V / 15V / 24V (LPV-12)
- Dimension(LxWxH): 77x 40x 27mm
- 2 years warranty