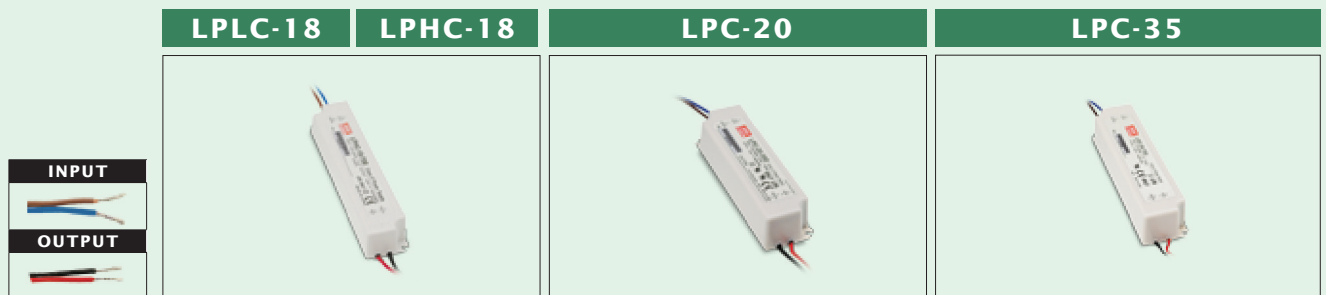


LP series

18~35W Single Output LED Power Supply

► Features

- LPLC-18: 90~132VAC input only
LPHC-18: 180~264VAC input only
LPC-20/35: 90~264VAC input
- Fully encapsulated with IP67 level
- Protections: Short circuit / Over voltage /
Over temperature (except for LPC-20/35)
- **Constant current mode**
- Withstand 300VAC surge input for 5 seconds
(only for LPC-20/35)
- Class 2 power unit / Pass LPS
- Isolation class II, no F.G.
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- Suitable for LED-based decorative / architectural lighting,
LED stage and theater lighting, and LED electronic displays
- 2 years warranty



	LPLC-18	LPHC-18	LPC-20	LPC-35
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, 55A at 230VAC
Over voltage protection	105%~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, EN60950-1		LPC-20: UL1310, UL879, TUV EN60950-1 approved LPC-35: UL1310 approved	
EMC standards	FCC part 15 class A (LPLC-18), EN55022 class A, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11		EN55022 class B, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11	
Connection	Input	UL rated, 18AWGx2C (30cm)	UL rated, 18AWGx2C (60cm)	UL rated, 18AWGx2C (60cm)
	Output			UL rated, 16AWGx2C (60cm)
Dimension (LxWxH)(mm)	140x 30x 22		118x 35x 26	148x 40x 30

LPLC-18 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
LPLC-18-350	6~48V, 350mA	±8%	300mV	82%
LPLC-18-700	6~25V, 700mA	±8%	250mV	80%

LPC-20 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
LPC-20-350	9~48V, 350mA	±5%	200mV	83%
LPC-20-700	9~30V, 700mA	±5%	200mV	83%

LPHC-18 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
LPHC-18-350	6~48V, 350mA	±8%	300mV	80%
LPHC-18-700	6~25V, 700mA	±8%	250mV	80%

LPC-35 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
LPC-35-700	9~48V, 700mA	±5%	200mV	85%
LPC-35-1050	9~30V, 1050mA	±5%	200mV	85%
LPC-35-1400	9~24V, 1400mA	±5%	200mV	85%

LP series

60~150W Single Output LED Power Supply

► Features

- LPC-60/100: 90~264VAC input
LPC-150: 180~305VAC input only
- High efficiency up to 90%
- Fully encapsulated with IP67 level
- Protections: Short circuit / Over voltage / Over temperature (LPC-150 only)
- **Constant current mode**
- Isolation class II, no F.G.
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- Suitable for LED-based decorative / architectural lighting, LED stage and theater lighting, and LED electronic displays
- 2 years warranty

	LPC-60	LPC-100	LPC-150												
<table border="1"> <thead> <tr> <th colspan="2">INPUT</th> </tr> <tr> <th>60W / 100W</th> <th>150W</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <th colspan="2">OUTPUT</th> </tr> <tr> <th>60W / 100W</th> <th>150W</th> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	INPUT		60W / 100W	150W			OUTPUT		60W / 100W	150W					
	INPUT														
60W / 100W	150W														
OUTPUT															
60W / 100W	150W														
AC input voltage range	90~264VAC; 127~370VDC		180~305VAC; 254~431VDC												
AC inrush current (max.)	Cold start, 60A at 230VAC	Cold start, 65A at 230VAC	Cold start, 40A at 230VAC												
Over voltage protection	105%~135%		110%~135%												
Withstand voltage	I/P-O/P: 3kVAC														
Working temperature	-30~+70°C	-25~+50°C	-40~+70°C												
Vibration	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes														
Safety standards	UL1310 approved	Design refer to IEC60950-1	EN60950-1(LVD) approved												
EMC standards	EN55022 class B, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11														
Connection	Input	UL rated, 18AWG x2C (60cm)	UL rated, 18AWG x2C (30cm)	UL rated, SJTW 18AWGx2C(30cm)											
	Output	UL rated, 16AWG x2C (60cm)	UL rated, 18AWG x2C (30cm)	UL rated, SJTW 18AWG x2C(30cm)											
Dimension (LxWxH)(mm)	162.5x 42.5x 32	190x 52x 37	191x 63x 37.5												

LPC-60 Series (C.C. mode) (for 1050mA & 1400mA) (for 1750mA)

Model No.	Output	Io Tol.	R&N	Effi.
LPC-60-1050	9~48V, 1050mA	±5%	200mV	87%
LPC-60-1400	9~42V, 1400mA	±5%	200mV	85%
LPC-60-1750	9~34V, 1750mA	±5%	200mV	87%

LPC-100 Series (C.C. mode)

Model No.	Output	Io Tol.	R&N	Effi.
LPC-100-350	143~286V, 350mA	±5%	1.5V	90%
LPC-100-500	100~200V, 500mA	±5%	1.5V	90%
LPC-100-700	72~143V, 700mA	±5%	1.0V	90%
LPC-100-1050	48~96V, 1050mA	±5%	1.0V	90%
LPC-100-1400	36~72V, 1400mA	±5%	1.0V	89.5%
LPC-100-1750	29~58V, 1750mA	±5%	1.0V	89.5%
LPC-100-2100	24~48V, 2100mA	±5%	1.0V	89%

LPC-150 Series (C.C. mode)

Model No.	Output	Io Tol.	R&N	Effi.
LPC-150-350	215~430V, 350mA	±5%	2.0V	90%
LPC-150-500	150~300V, 500mA	±5%	1.5V	90%
LPC-150-700	107~215V, 700mA	±5%	1.0V	90%
LPC-150-1050	74~148V, 1050mA	±5%	1.0V	90%
LPC-150-1400	54~108V, 1400mA	±5%	1.0V	90%
LPC-150-1750	43~86V, 1750mA	±5%	1.0V	90%
LPC-150-2100	36~72V, 2100mA	±5%	1.0V	90%
LPC-150-2450	31~62V, 2450mA	±5%	1.0V	90%
LPC-150-2800	27~54V, 2800mA	±5%	1.0V	90%
LPC-150-3150	24~48V, 3150mA	±5%	1.0V	90%