

MPH Series

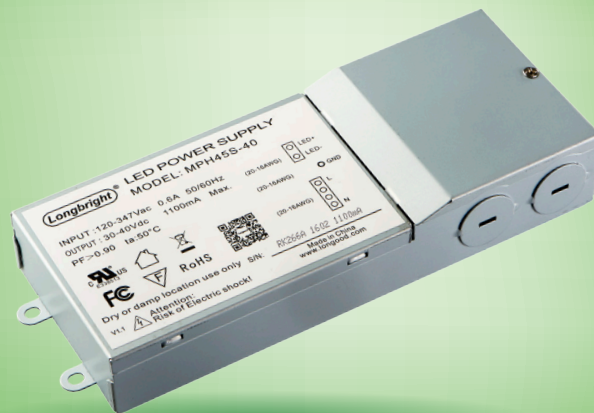
120-347vAC Wide Input Range LED Power Supply for Panel Fixture
超宽输入电压面板灯 LED 恒流电源

Longbright®

make your future bright

产品特点 / Features

- 超宽输入电压 / Input Voltage: AC input 120-347VAC
- 高效率典型值 / High Efficiency: 88% 典型值 / Typical
- 主动 PFC / Active: 0.99 最大值 / Max
- 低电流总谐波失真 / Low THD
- 保护功能 / Protections: 过压保护 / OVP ; 短路保护 / SCP
- 输出低纹波、完全无频闪 / Low Ripple And Noisy, No Stroboscopic. (MPH45D-040)
- 三合一调光 / 3 in 1 Dimming Function (0-10V, 10V PWM, Rx), (MPH45D-040)
- 符合主流国际照明设备安规标准 / Compliance To Worldwide Safety Regulations For Lighting
- 适用于干燥 & 潮湿的环境: Suitable For Dry & Damp Location
- 认证 / Certification: UL
- 5 年保修期 / 5-year Warranty



FC RoHS



型号规格 / Model Specifications

Model No. 型号	Longood Code 朗科代码	Dimmable 调光	Input Voltage 输入电压	Output Voltage 恒流电压	Output Current 输出电流	Output Power 输出功率	Efficiency Full Load 满载效率	功率因素 Power Factor (满载 / Full Load)			
								120VAC	220VAC	277VAC	347VAC
MPH45D-40	RK265A	Y	120-347VAC	30-40V	1100mA Max	44W	88%	0.99	0.95	0.95	0.92
MPH45S-40	RK266A	N	120-347VAC	30-40V	1100mA Max	44W	89%	0.99	0.95	0.95	0.92

电气规格 / Electrical Specifications

输入电压范围 / Input Voltage Range	100-400VAC
频率 / Frequency	47-63Hz
功率因素 / Power Factor	0.99 (Max), >0.90 120 ~ 347VAC input, 80% ~ 100% load
输入电流 / Input Current	0.6A at 100VAC
浪涌电流 / Inrush Current	50A at 220VAC, 25°C cold start
漏电流 / Leakage Current	0.5mA Max at 220Vac / 50Hz input
最大输出功率 / Maximum Output Power	44W
线性调整率 / Line Regulation	±5%
负载调整率 / Load Regulation	±5%
起机时间 / Start Up Time	<1.0S at 220VAC
保护功能 / Protections	over voltage, short circuit, auto recovery
总谐波失真 / THD	<20%, 220VAC, 50Hz input, 70% ~ 100% load

环境规格 / Environmental Specifications

工作温度 / Operating Temperature	-20°C ~ +50°C
工作湿度 / Operating Humidity	20 ~ 95% RH
储存温度 / Storage Temperature	-40°C ~ +70°C
储存湿度 / Storage Humidity	10 ~ 95% RH
冷却方法 / Cooling Method	Natural Cooling
隔绝电压 / Isolation Voltage	input / output 3750VAC
平均无故障时间 / MTBF	300,000 Hours Full Load At 25°C Ambient
使用寿命 / Life Time	35,000 Hours, 25°C
参考尺寸 / Reference Dimension(L×W×T)	200.4 x 86.7 x 34.4 mm
重量 / Weight	

安全 & 电磁兼容标准 / Safety & EMC Compliance

UL / CUL	UL8750 / CAN / CSA C22.2 No. 250.13
Conducted Emissions	FCC Part15
Radiated Emissions	FCC Part15
Harmonic Current Emissions	EN61000-3-2
Voltage Fluctuations And Flicker	EN61000-3-3
Electrostatic Discharge	EN61000-4-2
RF Field Susceptibility	EN61000-4-3
Electrical Fast Transient	EN61000-4-4
Surge Immunity Test	EN61000-4-5 (Surge: L-N, 1KV, L / N-Earth, 2KV)
Conducted Radio Frequency	EN61000-4-6
Power Frequency Magnetic Field Test	EN61000-4-8
Voltage Dips	EN61000-4-11
Electromagnetic Immunity	EN61547

结构外形 / Mechanical Outline (Unit: mm)

