

MPH Class P Series

0-10V Dimmable 120-347VAC Input Class P

0-10V可调光120-347VAC 输入LED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 / High Efficiency: 88% 典型值 / Typical
- 主动 PFC / Active PFC: 0.99 最大值 / Max
- 输出低纹波、完全无频闪 / Low Ripple And Noisy, No Stroboscopic*
- 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
- 恒流 / Constant Current
- 三合一调光 / 3-in-1 Dimming Function (0-10V / PWM / Rx)*
- 符合主流国际照明设备安规标准 / Compliance To Worldwide Safety Lighting
- 适用于干燥 & 潮湿的环境: Suitable For Dry & Damp Location
- 认证 / Certification: cUL Class P, FCC
- 5 年保修期 / 5-year Warranty



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
MPH45S-40P	RK309A	Y	120-347VAC	30-40V	1100mA Max	28W	88%	0.99	0.95	0.95	0.92
MPH45D-40P	RK308A	N	120-347VAC	30-40V	1100mA Max	44W	89%	0.99	0.95	0.95	0.92
MPH65D-40P	RK323A	N	120-347VAC	30-40V	1600mA Max	64W	89%	0.99	0.95	0.95	0.92

电气规格 / Electrical Specifications

型号 / Model	MPH45S-40P	MPH45D-40P	MPH65D-40P
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	0.4A at 100VAC	0.4A at 100VAC	0.75A 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	28W	44W	64W
线性调整率 / Line regulation	±5%		
负载调整率 / Load regulation	±5%		
起机时间 / Start up time	<1S 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	自然冷却 / 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	50,000 Hours, TC ≤ 55°C
参考尺寸 / Reference Dimension(L×W×T)	200.4 x 86.7 x 37.4 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)

