

PFC Series-75W

LED Power Supply with Plastic Enclosure
窄电压塑胶壳配线 LED 电源

Longbright[®]

make your future bright

产品特点 / Features

- 输入电压 / Input Voltage: Universal AC input 175-277VAC
- 全密封塑胶外壳, Class 2 电源
- 高效率典型值 / High Efficiency: 89% 典型值 / Typical
- 主动 PFC / Active PFC: 0.96 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
- 1KV 防雷设计 / 1KV Surge Protection Design
- 防护等级 / Protection Rating IP67
- 符合主流国际照明设备安规标准 / Compliance To Worldwide Safety Regulations For Lighting
- 3 年保修期 / 3-year Warranty



型号规格 / Model Specifications

Model No. 型号	Longood Code 朗科代码	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)		
							175VAC	220VAC	277VAC
PFC75S-40	RK295A	200-240VAC	30-40V	1900mA Max	75W	89%	0.96	0.95	0.90
PFC75S-50	RK295B	200-240VAC	32-50V	1500mA Max	75W	89%	0.96	0.95	0.90
PFC75S-55	RK295C	200-240VAC	40-55V	1360mA Max	75W	89%	0.96	0.95	0.90

电气规格 / Electrical Specifications

输入电压范围 / Input voltage range	175-277VAC
频率 / Frequency	47-63Hz
功率因素 / Power factor	0.96 (Max), >0.88 175 ~ 277VAC input, 80% ~ 100% load
输入电流 / Input Current	0.5A at 175VAC
浪涌电流 / Inrush Current	65A 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	75W
线性调整率 / Line regulation	±5%
负载调整率 / Load regulation	±5%
开机时间 / Start up time	<0.5S at 220VAC
保护功能 / Protections	over voltage, short circuit, auto recovery
总谐波失真 / THD	<15%, 220VAC, 50Hz input, 70% ~ 100% load

环境规格 / Environmental Specifications

工作温度 / Operating Temperature	-20°C ~ +40°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)	L160 x W50 x H33 mm
重量 / Weight	0.31kg

安全 & 电磁兼容标准 / Safety & EMC Compliance

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)
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)

