



LED开关电源/LED POWER SUPPLY
JW-12/24/36/48系列



产品规格书 Product Specification

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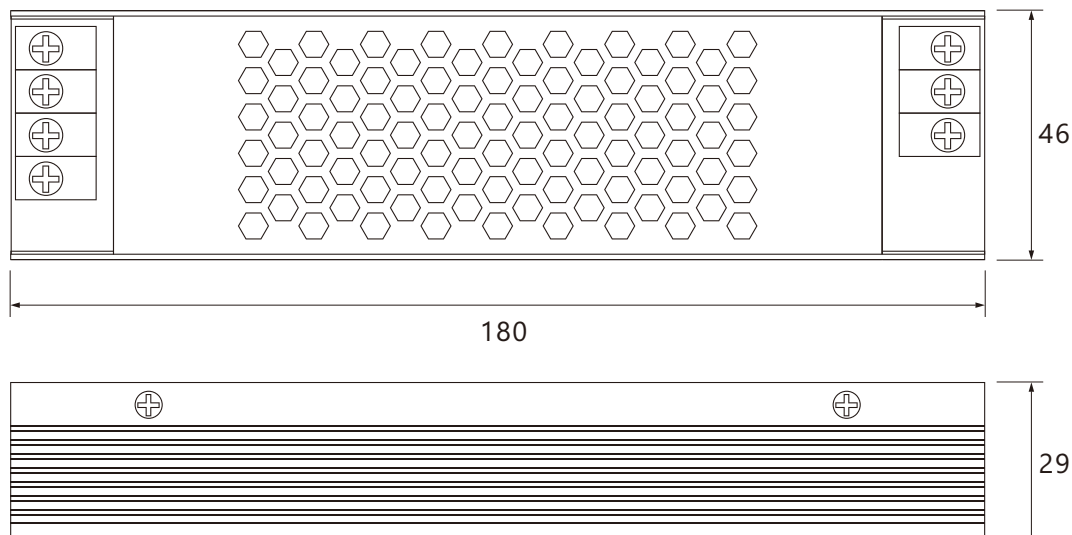
Features:

- 采用交/直流输入 / Using AC input / DC output
- 适应严酷的工作环境 / adapt to the harsh working environment
- 采用隔离式设计，安全可靠 / Adopt isolation design, safe and reliable
- 防瞬间浪涌冲击 / Anti-instant surge
- 过载、短路、过温保护功能 / overload, short circuit, over-temperature protection
- 通过CE认证，符合LVD安规要求 / CE certification, compliance with safety requirements LVD
- 100%满载老化测试 / 100% full load burn-in test
- 适用于LED照明 / For LED lighting
- 尺寸小 / Dimension: L180×W46×H29
- 自动智能恒压恒流模式 / Automatic intelligence

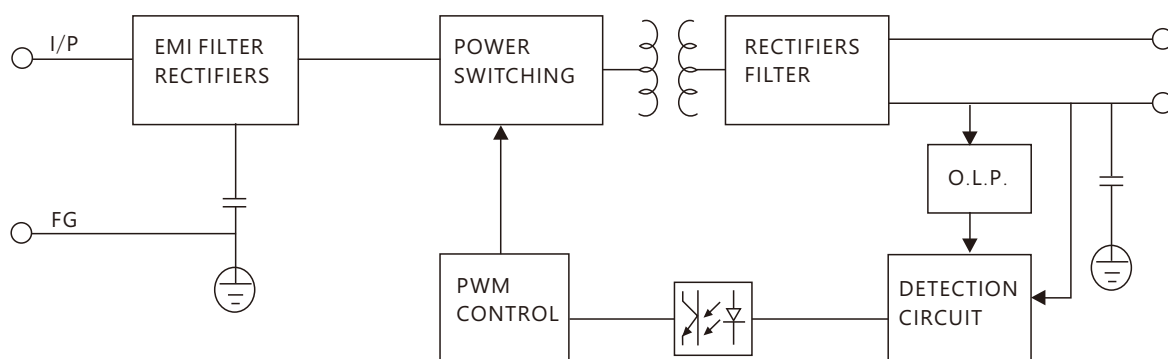
技术参数/Technologic Data

型号/ Model		JW-12-100WL	JW-24-100WL	JW-36-100WL	JW-48-100WL
输入 Input	额定电压/Rated voltage	100V-240VAC	100V-240VAC	100V-240VAC	100V-240VAC
	工作频率/Frequency	47~63 Hz			
	功率因素/Power factor	PF≥0.65 100% 额定状态/100% Rated state			
	效率/efficiency	>87%	>88%	>90%	>91%
	交流电流/AC Current	1.6A/220VAC			
	浪涌电流/Inrush current	20A/220VAC			
	漏电流/Leakage Current	5mA/220VAC			
输出 Output	输出电压(负载)/Output voltage (Loading)	(12±0.5)VDC	(24±0.5)VDC	(36±1)VDC	(48±1)VDC
	输出电流(负载)/Output current (Loading)	8.3A	4.15A	2.78A	2.1A
	额定功率 /Rated power	100W	100W	100W	100W
	纹波与噪声 /Ripple and noise	≤100mV			
	线性调整率 /Linear and justment rate	±1%			
	负载调整率 /Load Regulation	±2%			
	启动时间 /Start time	1500ms/220VAC			
保护 Protection	过电流保护/Overcurrent protection 自动降压模式 /Automatic buck mode	7A-9.13A 自动降压模式	3.52A-4.56A 自动降压模式	2.36A-3.06A 自动降压模式	1.8A-2.3A 自动降压模式
	短路保护/Short-circuits protect	输出短接1-2秒，断电后重新通电能正常工作。 Output shorted 3 seconds, and will work normally after separated.			
	过电压/Overvoltage	关闭模式，当输出超过正常使用时候关闭输出，负载异常条件移出后重启可恢复。 Off mode, when output exceeds the normal use of the time off the output, abnormal load conditions removed after the restart to resume.			
环境 Environment	工作温度/Working Temperature	-20℃~+50℃			
	工作湿度/Working humidity	20%~95% RH, Non-condensing			
	储存温度，湿度/Storage	-40℃~+80℃/10%~95%RH			
	温度系数/Temperature Coefficient	±0.06% / °C(0~50℃)			
	防护等级/Protection grade	IP33			
安规 Safety	耐压/Pressure	I/P-O/P:1.5KVAC 5mA			
	绝缘阻抗/Insulation Resistance	I/P-O/P:100M ohms/500VDC/25℃70% RH			
其他 Others	尺寸/Dimension (mm)	L180×W46×H29	L180×W46×H29	L180×W46×H29	L180×W46×H29
	输入线长度/Input line length	N/A	N/A	N/A	N/A
	单机重量/Weight	250g	250g	250g	250g

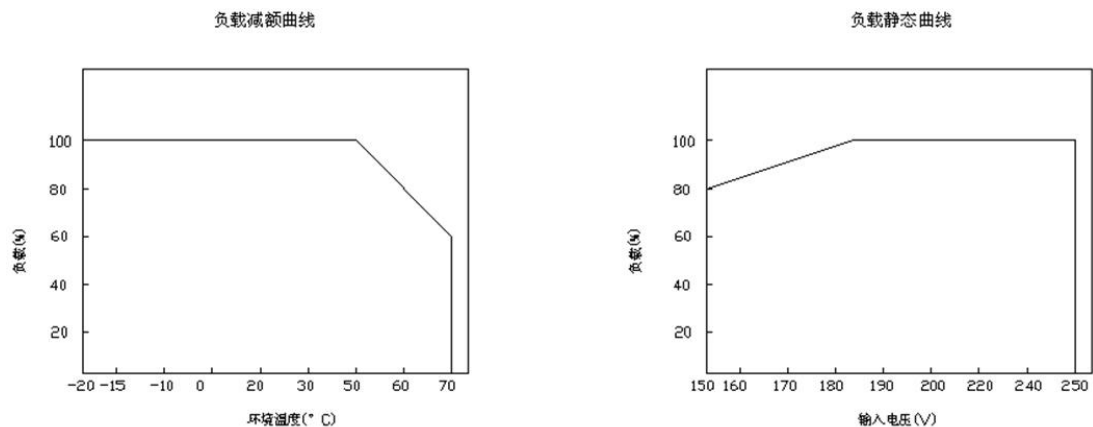
Structural dimensions



Block diagram



Load derating curve





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