SPECIFICATION FOR

APPROVAL

客户名称 **CUSTOMER**：_____

客户物料 **CUSTOMER PART NO:**：_____

产品型号 **MODEL NO**：GX-23015

产品规格 **PRODUCT TYPE**：4-5*1W

客户确认 CUSTOMER APPROVAI		
检查 TESTED BY:	**审核** CHECKED BY:	**批准** APPROVED BY:

拟定 WORKED BY:	**审核** CHECKED BY:	**批准** APPROVED BY:

变更覆历 **E.C.LIST**

版本 Rev	变更内容描述 Description of Change		日期 Date	ECN NO
	变更前 Before	变更后 After		
A	初次发行 Original Release			

目录 Table Of Content

1.产品描述 Description……4

2.输入特性 Input Characteristics……..4

3.输出特性 Output Characteristics……..5

4.负载特性 load Characteristics……...5

5.保护功能 Protection Functions……6

6.环境要求Environmental Requirements……7

7.可靠性要求 Reliability Requirements……7

8.外形尺寸 Outline Size……8

9.使用说明 Instruction……...8

10.注意事项 Notice……9

11.联系方式 Contact……10

12. 声明 Announce……10

1、【产品描述 Description】

GX-23015我司专为LED灯开发的一款宽电压输入的隔离型恒流驱动电源，该产品采用独特的隔离型设计方案，关键元器件采用进口品牌，该产品具有节能、环保、安全、长寿命等特点。GX-23015 belongs to the wide range input isolated constant current driving power supply is specially designed for the LED Lamps. Unique self-R&D isolated program has been adopted. All the main components was imported & old-establishedones. energy-saving, eco-friendly, safe, longlifespan.

2、【输入特性 Input Characteristics】

名称 **Name**	最小值 **Min. Load**	额定值 **RatedLoad**	最大值 **Max. Load**	单位 **Units**	备注 **Remark**
输入电压 **InputVoltage**	90	110/220	264	Vac	
输入频率 **InputFrequency**	47	50/60	63	HZ	
输入电流 **Input Current**			0.102	A	90Vac 满载 90Vac Full load
功率因数 **Power Factor**	0.55				110Vac 满载 110Vac Full load
	0.5				220Vac 满载 220Vac Full load
效率 **Efficiency**	78			%	110Vac 满载 110Vac Full load
	78			%	220Vac 满载 220Vac Full load

3、【输出特性 Output Characteristics】

名称 **Name**	最小值 **Min. Load**	额定值 **RatedLoad**	最大值 **Max. Load**	单位 **Units**	备注 **Remark**
输出电压 **OutputVoltage**	12	15	17	Vdc	90-264Vac
输出电流 **Output Current**	285	300	315	mA	300±5%

4、【负载特性 load Characteristics】

名称 **Name**	最小值 **Min. Load**	最大值 **Max. Load**	单位 **Units**	备注 **Remark**
开机延迟时间 **Start-upDelayTime**		≤2	S	110Vac 满载110Vac Full load
		≤1	S	220Vac 满载220Vac Full load
上升时间 **Rise-up Time**		≤150	mS	110Vac 满载110Vac Full load
		≤100	mS	220Vac 满载220Vac Full load
输出过冲 **Output Overshoot**		≤10%	V	110Vac 满载110Vac Full load
		≤10%	V	220Vac 满载220Vac Full load
输出欠冲 **OutputUndershoot**		≤10%	V	110Vac 满载110Vac Full load
		≤10%	V	220Vac 满载220Vac Full load
输入线性调整率 **InputLineRegulation**		≤10	%	17Vdc 满载 17Vdc Full load
		≤10	%	12Vdc 满载 12Vdc Full load
输出线性调整率 **Output Line Regulation**		≤10	%	110Vac 满载110Vac Full load
		≤10	%	220Vac 满载220Vac Full load

5、【保护功能 Protection Functions】

开路保护：输出端无负载开路时，输入端正常输入，产品无损坏。

Open Circuit Protection: when the output end is connected with nothing, the input end with a designed input voltage, protection mode works & the product won't be damaged

短路保护：如果输出端出现异常，造成输出正负极短接，本产品会工作在短路模式。

Short Circuit Protection: when the output end was wrongly connected & lead to short circuit, the protection mode works & this supply won't be damaged.

过载保护： 本产品恒流设计，负载在设计范围内，输出电流会恒定不变，当输出端负载超出设计范围，本产品进入保护状态。

Over Load Protection: This product is designed to work in constant current, taking into consideration of outer load. The output current will be constant, when the output load beyond the design, the protection mode works.

6、【环境要求Environmental Requirements】

工作温度 Operating Temperature：

-30℃ to +60℃

工作湿度 Operating Humidity：

20%RH to 80%

存储温度 Storage Temperature：

-40℃ to +80℃

大气压力Pressure：

70KPa to106 KPa

7、【可靠性要求 Reliability Requirements】

7.1 老化测试 Reliability Test：

产品 100%要在至少 40℃±5℃的环境及满载条件下老化 4 小时。100% of products The power supplyshall under go a minimum of 4 Hours burn-in test at 40℃ ± 5℃ under full load condition

7.2 平均间隔故障时间估算 Mean Time Between Failures：

产品 50,000 小时,25℃环境及额定输入与满载条件下,质保三年。

This supply shall be guaranteed with 3 years' warranty, within 50,000 hours, with environmental temperature of 25℃ & full load condition.

8、【外形尺寸 Outline Size】



外形尺寸 Outline size：L*W*H=25mm*16mm*16mm

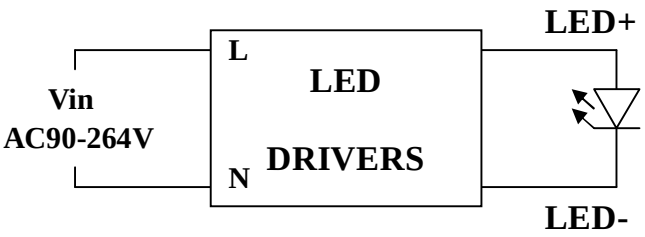
9、【使用说明 Instruction】

一端标示有 L、N 字母的为 AC 输入端，此端接 AC90-264V 交流输入电压；另一端为 DC 输出端，电源板上标识有 LED+与 LED-，LED+接 LED 灯的正极，LED-接 LED 灯的负极。

The end marked with'L'& 'N'is the AC Input terminal & should be connected with AC90~264V of input voltage; the other end is the DC output terminal and marked with 'LED+' & 'LED-', the 'LED+' should be connected with the positive pole & 'LED-' with the negative one.



产品接线示意图如下 Wire splice picture hereof：



10、【注意事项 Notice】

1、在装置电源时，请注意输入、输出端的正确安装，确认无误后才能通电；

When fit the power supply, please, pay attention to correctly connect the input & output ends. We should further ensure the correct connection, then turn on the electricity

2、电源在第一次装置好电气连接后，如出现不亮或其它相应现象时，请切断 AC 输入端并检查 DC 输出端有无接触不良或 AC 输入端有无接触不良；

When first fix the power supply with the other equipment, if the LED doesn't light up or other phenomenon exits, please cut off the AC input end & check whether there is some bad or poor contact with the DC output end and AC input end.

3、在装置好电气连接后，并且 LED 灯点亮，但输出异常时，请切断 AC 输入端检查 DC 输出端有无过载、超载；

When fix the supply with the LED, and light it up,something wrong happen to the output. Just cut off the AC input end & find out is there any overload & superload with the DC output.

4、产品在使用过程中如遇到疑问或解决不了的问题请及时与我司沟通、反馈不良信息，以便我们提供更加优质的产品和服务。

When using the product,if you're facing any problem of something hard to deal with, just contact us. Only with your feedback, can we improve us & satisfy you better,

12、【声明 Announce】

图片与规格仅供参考，以实物为准，规格如有变化，另行更新通知。

The above picture & specifications are only for reference, please prefer the real product for practical standard. Any changes to the specification, we shall notify you separately.