

 厦门新页科技有限公司 Xiamen Newyea Science and Technology Co.Ltd		地址：中国·厦门市思明区金山路8号 Tel：+86-0592-6882776 www.xmnewyea.com		REVISION (版本)	Rev.1
				DATE (日期)	2017.06.22
Product Name 产品名称	100W 单线 圈系统	PART NUMBER (产品型号)		NS1100	

APPROVAL SHEET

(承 认 书)

FOR
WIRELESS CHARGER
 (无线充)

MODEL NO.
 (型号)

MANUFACTURER			
(制 造 商)			
EDIT	CONFIRM	CHECK	APPROVAL
(制 订)	(确 认)	(审 核)	(批 准)

CUSTOMER APPROVAL	Stamp (签章)
(客户承认)	

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REVISION CHANGE DESCRIPTION (版本变更描述)

REV (版本)	UPDATE (变更)	DETAIL (详述)	DATE (日期)
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1. Apply Scope (适用范围)

This specification shall be applied to Wireless charger 36V/2.8A.本规格适用于 36V/2.8A 无线充电器。

2. Environment Protection Laws (符合的环保法规)

- RoHS REACH CPSIA
EN71 PHTHALATE HALOGEN

3. According with Safety and EMC Criterion (符合的安全及电磁兼容标准)

- EN60950-1 EN61558-1 EN60065-1 EN55022
UL60950-1 UL1310 UL60065-1 EN55024
GB4943.1-2011 GB9254-2008 WPC1.2

4. Safety and EMC Approval (符合的安全及电磁兼容标准)

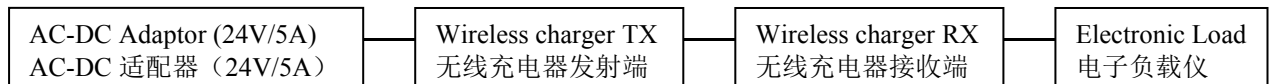
- CB TUV/GS CE PSE UL FCC
SAA C-tick KC CCC TLC E-mark

5. Electrical Characteristic (电气特性)

Test Circuit (测试电路)

If the test is to be made on a specified circuit, be sure to use the following circuit.

(无特殊规定的情况下依照下面的电路进行测试.)



工作模式：电磁感应式（单线圈）

工作频率：50-150KHz

输入：24V/5A 以上 输出：36V/2.8A (可调)

有效工作距离：Coil 50mm*50mm： 推荐工作距离 5-9mm

Coil 100mm*100mm： 推荐工作距离 13-22mm

Coil 150mm*150mm： 推荐工作距离 20-32mm

尺寸：发射模组 PCBA:140mm*73.5mm*1.6mm 线圈:150mm*150mm*10mm

接收模组 PCBA:70mm*70mm*1.6mm 线圈:150mm*150mm*10mm

智能/异物检测：支持

过流保护：可选

过温检测：支持

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指示灯：支持

蜂鸣器：支持（可选）

6. Input Characteristics (输入特性)

6.1 Rated Input Voltage (额定输入电压)

Rated input voltage is 24Vdc

(额定输入直流 24V)

6.2 Input Voltage Range (输入电压范围)

Input voltage range is from 23.5Vdc to 24.5Vdc.

(输入电压范围直流 23.5V~24.5V)

6.3 Input Frequency (输入频率)

It is normal for 50Hz or 60Hz and single phase.

(输入频率 50Hz/60Hz)

6.4 Steady DC Current (DC 输入电流)

Maximum steady state input current is 5A (Min) Measured at 24Vdc input and maximum load.

(24V 满载时输入电流 5A (Min))

6.5 Standby (待机功耗)

The input power shall be less than 0.5W at 115Vac and 230Vac input.

(在输入电压 115V 和 230V 时待机功耗小于 0.5W)

6.6 Efficiency (效率)

The efficiency is 88% Min (not including the adaptor loss)

效率不低于 88% (不包括适配器损耗)

7. Output Characteristics (输出特性)

7.1 Rated Output Voltage (输出额定电压)

The rated output voltage is specified at **36V** (可调)

(额定输出电压 36V)

7.2 Output Voltage (输出电压范围)

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No load voltage (空载输出电压范围): **36V ~ 36.8V** (可调)

Full load voltage (满载输出电压范围): **36V ~ 36.8V (I=2800mA)**

7.3 Rated Output Current (额定输出电流)

The output current will be performed from **0mA~2800mA** at CC

(在 CC:模式下,额定输出电流 0mA~2800mA)

7.4 LED Lights Instruction (LED 显示说明)

Stand-by Mode: The Red、Yellow、Green LED lights in turns.

(待机状态: 红黄绿三灯依次交替闪烁。)

Loading Mode: The Green LED always ON.

(带载状态: 绿灯常亮。)

Fault Mode: The Red LED ON, system will restart in 10S.

(故障状态: 红灯亮, 10s 后自动重启。)

7.5 Protection (保护)

7.5.1 Overvoltage Protection (过压保护)

When the input voltage exceeds 24.5V, system will open its self protection mode and restart in 10S.

(输入电压超过 24.5V 则自动保护, 10s 后重启。)(过压值可设置)

7.5.2 Insufficient power supply Protection (供电不足保护)

When the maximum current from power supply is not enough, system will enter self-protection mode and restart in 10S.

(当供电源提供的最大电流不足时自动保护, 10S 后重启。)

7.5.3 Foreign-Object Detection Protection (异物检测保护)

When foreign object is detected, system will enter self-protection mode and restart in 10S.

当检测到异物时自动保护, 10S 后重启。(可设置异物检测灵敏度等级)