深圳市永亿豪电子有限公司

APPROVAL SHEET

Customer:

Customer P/N:

SNOWFAN Model NO.: **YY12032M12B**

SNOWFAN P/N: **G1409201B**

Version.: **0** **Sample NO.:**

Issue date: **2019-8-13** **Quantity:** **0 PCS**

***Please sign back this specification for our record upon your approval. Thanks!**

Company Stamp	Customer approval Stamp
制作：程　梅	承认：
复核：刘国泰 陈公平	核准：
核准：	日期：

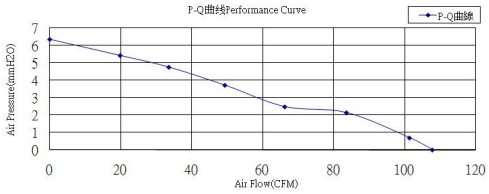
地址:深圳市龙华新区观澜街道福民茜坑新村佰公坳工业区二巷 10 号厂房

电话：28035708　　传真：28035808

http://www.snowfan.com.cn/　　**E-Mail: yongyihao@snowfan.com.cn**

版次	变更履历	日期
A	新版发行	2019.8.13

1.0：一般规格（General Specification)

项目 Item		规格/条件 Specification/Condition	
1	型号 Mode1 No.	YY12032M12B	
2	外型尺寸 Outline. Dimension	120*120*32mm	
3	操作电压 Operating Voltage	DC 7～13.5V	
4	额定电压 Rated .voltage	DC 12V	
5	启动电压 Starting Voltage	DC ≤7V on/off	
6	额定电流 Rated current	0.56A（Max:1.27A）	a. 额定电压 Rated .voltage b.25℃ 65% RH c.After testing for 5 minutes
7	消耗功率 Power consumption	6.72W（Max:15.24W）	
8	转速 Speed	2500±10%RPM	
9	风量 Airflow AT ZERO STATIC PRESSURE	107.83CFM(Min：97.04CFM)	a. 额定电压 Rated .voltage b. AMCA 标准 Standard C. 额定电流 Rated current
	静压 Air .Static Pressure AT ZERO AIRFLOW	6.36mmH2O (Min：5.72mmH2O)	
10	噪音标准 Noise Level	46.5dB-A(Max:51.1dB-A)	a. 额定电压 Rated Voltage b. 18dB无响室 18dB Non-Echo Chamber c. 标准 Standard: CNS 8753 / ISO 3744 d. Test Condition :ISO 7779 e. 距离 Distance: 1.0 M
11	期望寿命 Life expectancy	70000 hrs at temp40℃ Humidity5%～95%	MTTF Mean Time To Failure Conf. Level 90%
12	扇叶数 No.of.Blade	9 叶	
13	极数 No.of.Pole	4 极	
14	运转方向 Rotating Direction	顺时针/运转方向是从标签面看	
15	锁住保护 Lock Protection	1.额定电压下堵住2～3秒,风扇自动断电,停止运转，降低内部温升 Auto power off after locked at rated voltage for 2～3 sec. Reduce internal temperature rise 2.风扇停转后,风扇会在2至6秒自动尝试启动 After auto power off, circuit attempt to restart in 2 to 6 sec.	
16	极性保护 Polarity Protection	VCC与GND反接时 不导通 Open circuit when Vcc & GND are exchanged	
17	过压保护 Over voltage protelt	无 NO	
18	过流保护 Over current protection	无 NO	
19	恒速功能 fixed constant speed Function	无 NO	
20	软启动 Soft Starting	无 NO	
21	PWM 功能 PWM function	无 NO	
22	PQ 曲线 PQ curve		

2.0:主要材料/零件规格（Main Materials/parts Specification）

	材料/零件 Materials/parts	规格 Specification				
1	塑料材料/ 外框扇叶 Plastic Material/ Frame impeller	扇框: PBT 黑色方框 环保防火 防火等级：94V-0				
		扇叶: PBT 黑色 9 叶 环保防火 防火等级：94V-0				
2	轴承 Bearing Type	滚珠轴承 Ball Bearing				
3	引线 Lead Wire	UL1007#24#黑红分线				
4	端子 Connector	无端-2P				
		黑	红			
		GND	VCC			
5	环保要求 EnvironmentalRequirement	☑ ROHS	☐ 无卤	☐ 永亿豪环保标准	☐ REACH	

3.0 电性规格（Electrical Specifically）

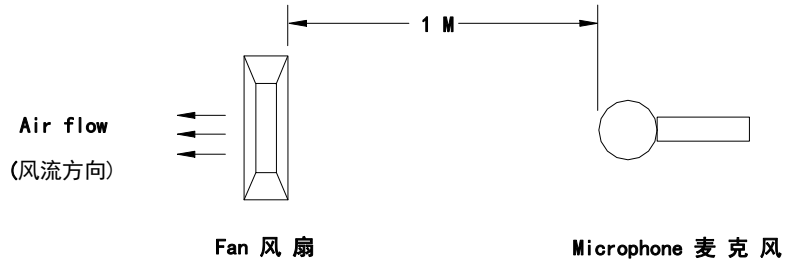
1	绝缘阻抗 Insulation Resistance	10MΩ/裸线与外框间测量，500VDC/min 10MΩ/between unshackled wire and frame at 500VDC/min	
2	绝缘耐压 Dielectric Strength	5Ma Max./导线与外框间测量，500VAC/min 5Ma Max./Measured between lead wire(+)and frame at 500VAC/min	
3	防水等级 Waterproof level	IP XO	

4.0 环境测试（Environmental Specification）

1	运转温/湿度范围 Operating Temp .Range	温度/Temperature:-10℃～+70℃ 湿度/Humidity:5%～95%RH	
2	保存温/湿度范围 Storage Temperature	温度/Temperature:-40℃～+75℃ 湿度/Humidity:5%～95%RH	
3	耐湿性 Humidity	电气规格依据 MIL-STD 202F Method 103B 湿度：95%RH 温度：40±2℃	
4	热冲击 Thermal Shock	电气规格依据 MIL-STD 202F Method 107D Per MIL-STD 202F Method 107D,Condition D	
5	绝缘阶段 Insulation Shock	UL: A 级 UL：Class A	
6	包装耐振动试验 Packing Vibration Test	包装后，XYZ 三方向施 3.2G load vibration test for 30min .No serious damage	
7	包装耐冲击试验 Packing Shock Proof Test	捆包后，高 60 公分，1 棱角 3 边 6 面自然落下，无严重损坏. 1comer,3edges, 6faces natural drop from 60cm high packing No serious damage	

5.0 在无响室额定电压下之噪音测试 □

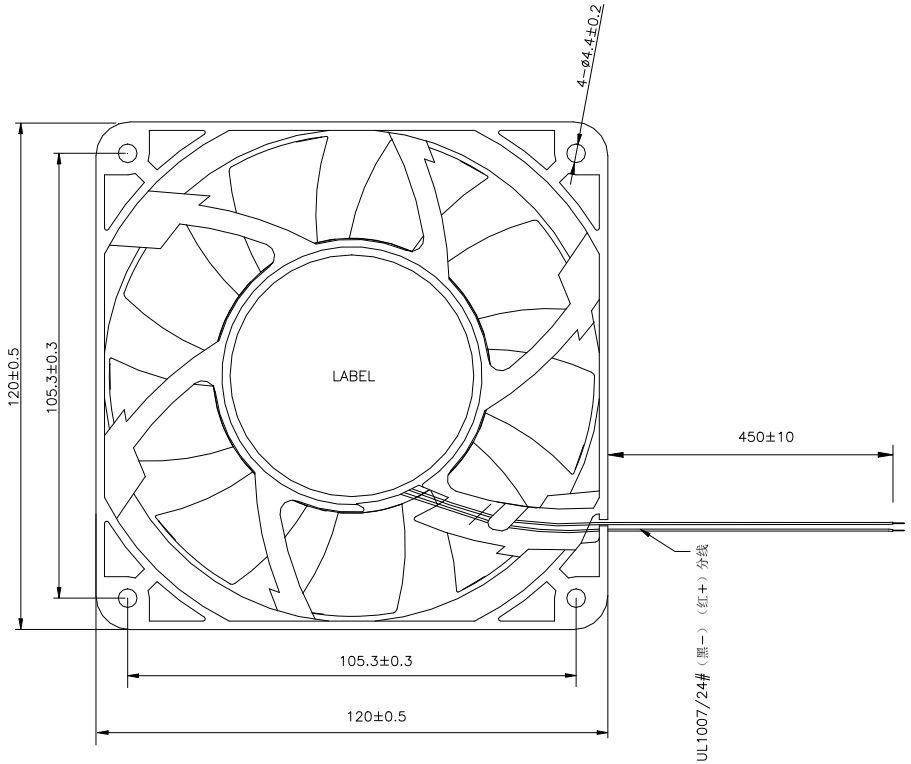
（Noise is measured at rated voltage in anechoic）

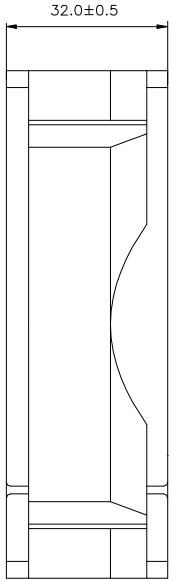


（在背景噪音不超过 18dB（A）的无响室内，将待测风扇通入额定的工作电压，悬掉入空中，将麦克风放于风扇同一平面且离待测风扇进风口一米处进行测试其 B&K 值)

Noise is measured rated voltage in free air in anechoic chamber with B&K sound IeveI meter with microphone at a distance of one meter from the fan intake.The background noise is 18Db(A) max。

版本	内 容	日期	核准
A	新版发行	2019.8.13	杜 健





SNOWFAN 深圳市永亿豪电子有限公司

产品名称/规格	12032－双B风扇		
X.XX ±0.05	图号:G1409201B		绘制:程 梅
X.X ±0.1	日期:2019.8.13		审核:陈公平
XX.X ±0.2	比例:None	页次:1/1	
XXXX.X ±0.5	单位:MM	版次:A0	核准:杜 健

注意事项（NOTES）

1 Before use, make sure the supply voltage to meet the use of the product range, line-powered load exceeds the maximum power consumption of this product 120%. And the voltage is stable without clutter

（使用前，确认供电电压能满足本产品的使用范围，供电电路负载超过本产品的最大功耗的 120%。且电压是稳定不含杂波干扰）

2 Please when ventilator circular telegram normal work do not use the hand to bump touches fan blade border

（请在风扇通电正常运转时不要用手碰触扇叶边沿）

3 Please do not touch the impeller and never carry the fan the lead wires.The bearings and the lead wires may be damaged. Additionally, static electricity may damage the intemal ciruits of the fan

(请不要碰触扇叶和拉扯线材，以免损坏轴承及导线。此外,静电可能损坏内部的风扇组件)

4 Please do not use the fan in the environment of corrosive gas or liquid.

（请不要将风扇置于腐蚀的气体和液体内）

5 Please do not store the an in the environmet of high humidity.Please avoid storage of the fan over 6months.For long term storage, please connect power to the fan shortly every 6 months even through the fan is stored in room temperature.

（请不要将风扇储存在高湿度的环境中，请尽量避免将风扇储存期超过 6 个月。如果要长期储存，请将其在室温的环境下。且每隔 6 个月须上电源让风扇短时间运转。）

Shenzhen Tian Hai Test Technology Co.,Ltd.

CE Certificate of Conformity

Certification number: TH15CC-164S Report number: TH15CR-164S

Shenzhen Tian Hai Test Technology Co.,Ltd. hereby declares that testing has been completed and reports have been generated for:

Applicant:	**Shen zhen Yong yi hao Electronic co.,LTD**
Address:	Industrial Distrial. Niu e Ling Village Guan lan Town, Bao An District, Shen zhen City, Guang dong Province, China
Manufacturer:	**Shen zhen Yong yi hao Electronic co.,LTD**
Address:	Industrial Distrial. Niu e Ling Village Guan lan Town, Bao An District, Shen zhen City, Guang dong Province, China
Product:	**DC fan**
Model:	See attachment
Rating:	DC5-48V 10.5Amax
Note:	All models share same circuit diagram, just with different current and size. All test performance on:YY9238X48Y&YY8038X48Y

And, in accordance with the following applicable directives:

2014 / 35 / EU Low Voltage Directive

That this product has been assessed against the following applicable standards;

Standard **EN 60950-1:2006/A2:2013**

Therefore, Shenzhen Tian Hai Test Technology Co.,Ltd. hereby acknowledges that the applicant may issue a DECLARATION of CONFORMITY and apply the CE marking in accordance with European Union Rules.

Attestation by:

Thomas Wong

Date of Issued: March 23, 2015

FL.1, No.2 BLDG, Yalian Highstar Industrial Zone, Wuhe Road No. 5022, Bantian street, Longgang District, Shenzhen
Tel:+86-755-86615100 Fax:+86-755-86615105 http://www.tianhaitest.com

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 16 03 90231 005

Holder of Certificate: **Shenzhenshi Yongyihao Electronic Co., Ltd.**

No.10 Lane 2
Bai Gong Ao Industrial Area, Xikeng New Village
Longhua New District
518000 Shenzhen City, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

TÜV SÜD
Production monitored
Type tested

Product: **Fan (DC FAN)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 682101424503

Valid until: 2021-03-24

Date, 2016-03-29 (Rickyet Wang)

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