

10W AC-DC PCB-Mount Green Power Module

YSM10-1500670



■ Features:

- 1.1.8"×1" compact size
- 2.Universal input 90-264VAC
- 3.No-load power consumption < 0.1W
- 4.EMC meets Class B requirements without additional components
- 5.Wide operating temperature range from -30°C to 70°C
- 6.Protection type:short circuit / over load / over voltage
- 7.Natural air cooling
- 8.Class II isolation level
- 9.By LPS
- 10.Three year Warranty

业务/SALES: GuoChunCan

核准/APPROVED BY:

设计/DESIGNED BY: LiJin

宁海县鹰峤电气有限公司/NinghaiYingjiao Electrical Co.,Ltd.

Tel/电话: 0086-574-27862391、27862392

Add: Cuijia Village Xidian Town Ninghai County Ningbo China 315613

<http://www.yingjiao.com> <http://www.yingjiaodriver.com>

1、OUTPUT/输出:

DC VOLTAGE /DC 电压: 15V

RATED CURRENT/额定电流: 0.67A

CURRENT RANGE/电流范围: 0~0.67A

RATED POWER/额定功率: 10W

RIPPLE&NOISE(max.)纹波&噪音: 200mVp-p

VOLTAGE TOLERANCE/电压公差: $\pm 3\%$

LINE REGULATION /线性调整率: $\pm 0.5\%$

LOAD REGULATION /负载调整率: $\pm 1\%$

SETUP,RISE TIME/启动上升时间: 2s,30ms at full load

HOLD UP TIME (Typ.)/保持时间: 80ms/230VAC 15ms/115VAC at full load

2、INPUT/输入:

VOLTAGE RANGE/电压范围: 120-430VAC

FREQUENCY RANGE:47-440Hz

EFFICIENCY (Typ.)/能效: 82%

AC CURRENT (Typ.)/AC 电流: 0.25A/115VAC 0.15A/230VAC 0.125A/264VAC

Inrush Current/浪涌电流: COLD START20A/115VAC 40A/230VAC

LEAKAGE CURREN/漏电流: $< 0.25\text{mA}/264\text{VAC}$

2、PROTECTION/保护:

3.1 OVERLOAD/过载:

115%~260% rated output power

Protection type:Hiccup mode,recovers automatically after fault condition is removed

3.2 OVER VOLTAGE/过压:

17.25-20.25V

Protection type:Shut off o/p voltage,clamping by zener diode

3、ENVIRONMENT/环境:

WORKING TEMP/工作温度: -30~+70°C (Please refer to the derogation curve 请参考减额曲线图)

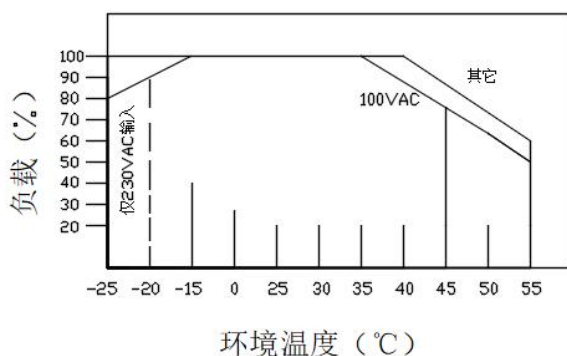
WORKING HUMIDITY/工作湿度: 20~90% RH non-condensing

STORAGE TEMP,HUMIDITY/储存温度与湿度: -40~+85°C, 10~95% RH

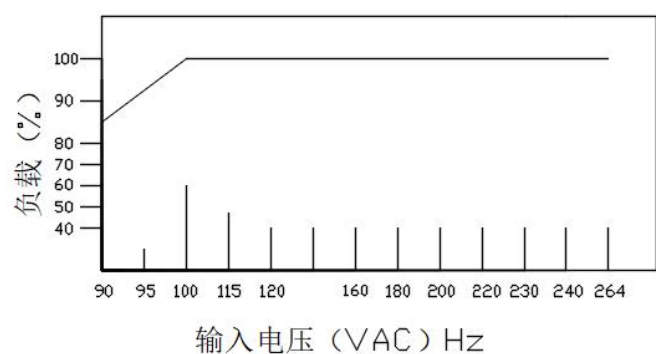
fosc : 65KHz



减额曲线



静态特性曲线



4、SAFETY&EMC/安规&EMC:

SAFETY STANDARDS/安规标准: IEC62368-1,UL62368-1,TUV EN62368-1,EAC TP TC 004,-1 approved

WITHSTAND VOLTAGE/耐电压: I/P-O/P:3KVAC

ISOLATION RESISTANCE/隔离电阻: I/P-O/P:100M Ohms/500VDC/25°C/70°CRH

EMC EMISSION/EMC 辐射: EN55032(COSPR32).CNS13438.EN61000-3-2 Class A, JEN61000-3-3

MTBF:1495.8Khrs min.MIL-HDBK-217F(25°C)

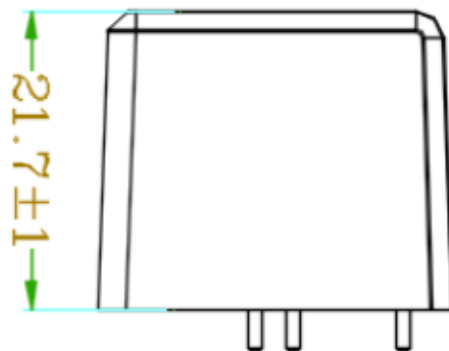
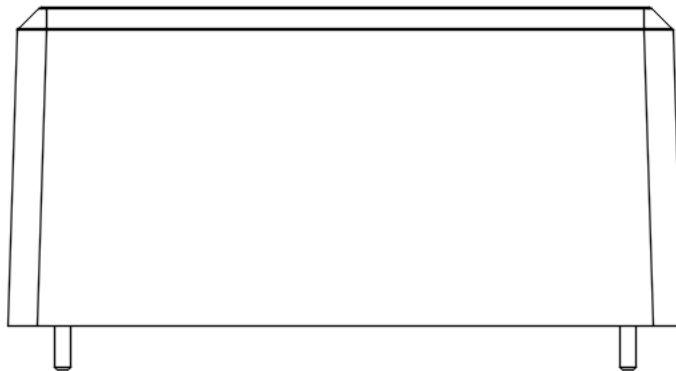
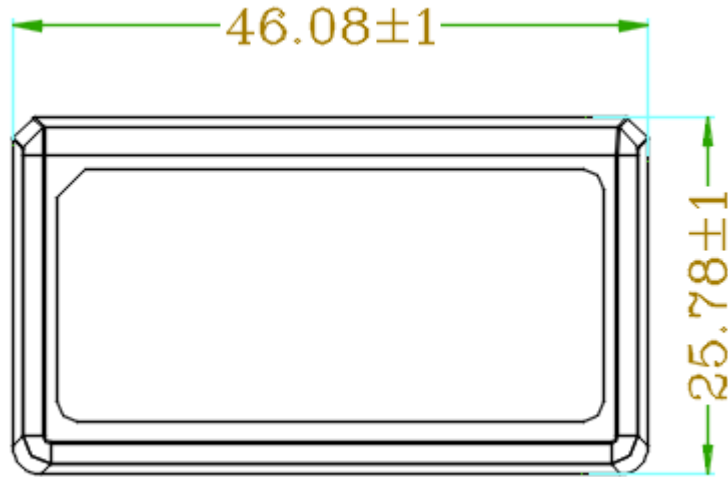
DIMENSION/尺寸: 46.08*25.78*21.7mm (L*W*H)

PACKING/包装: 0.033Kg; 270pcs/9.8Kg/0.94CUFT

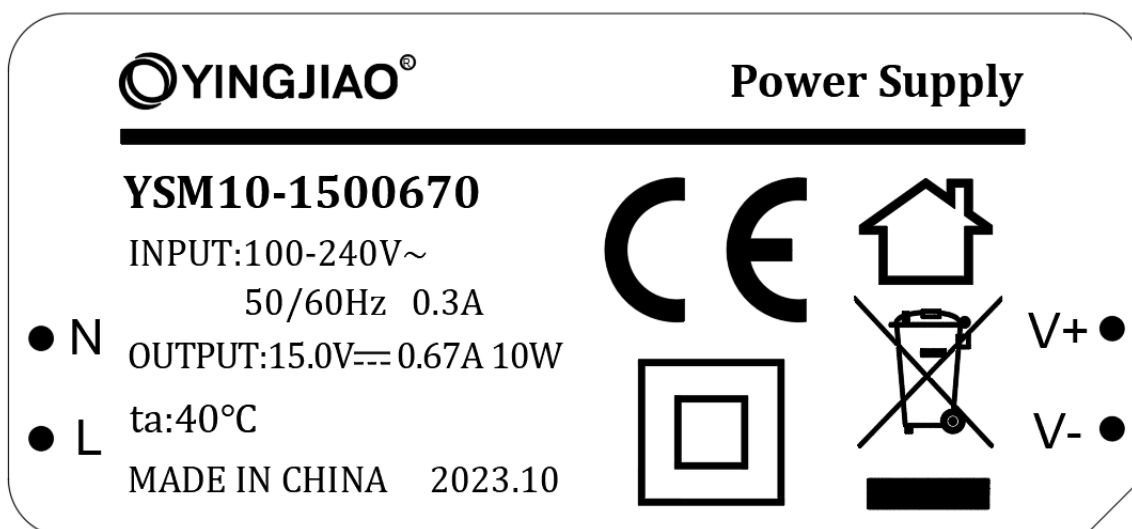
5、NOTE/备注:

- 1.All parameters NOT specially mentioned are measured at 230VAC input,rated load and 25°C of ambient temperature.
- 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12 " twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
- 3.Tolerance:includes set up tolerance,line regulation and load regulation.
- 4.Line regulation is measured from low line to high line at rated load.
- 5.Load regulation is measured from 0% to 100% rated load.
- 6.The power supply is considered a component which will be installed into a final equipment.
The final equipment must be re-confirmed.

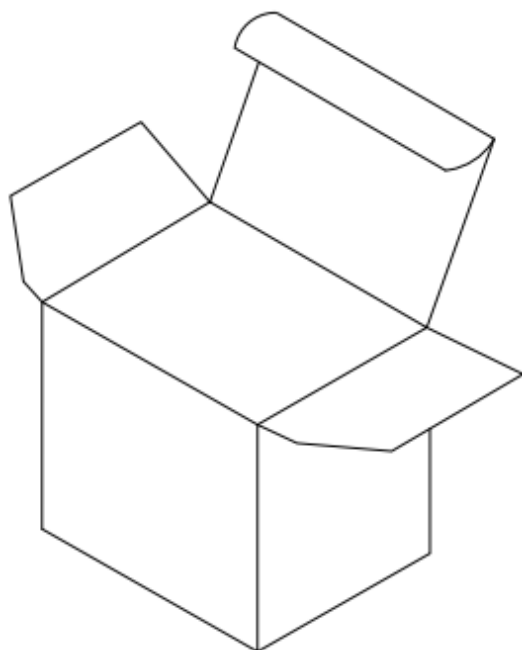
6、外形尺寸/OUTLINE DIMENSION:



7、铭牌标签/LABEL:



8、包装说明/PACKING STEP:

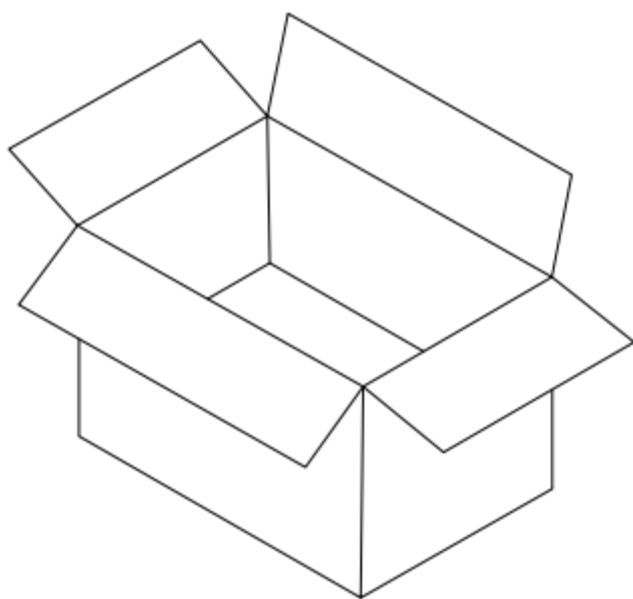


白盒/ White box:

长/ Length:50mm

宽/ Width:30mm

高/ Height:30mm



Packing request:

Packaging

Outside box:325L*270W*170H

Quantlty:250PCS/CTN