

1.0 INPUT 输入**1.1 VOLTAGE 电压**

RANGE	MINIMUM 最低	NORMAL 常规	MAXIMUM 最高	UNITS 单位
1	85	200~240	265	Vrms

1.2 FREQUENCY 频率

50~60 HZ

1.3 CURRENT 电流

1.25A(max.) at 230 V

最大 1.25A(输入 230V)

1.4 INRUSH CURRENT 浪涌电流

220V/50A(max.) at 25℃ cold start

最大 50A(输入 220V, 常温下冷启动.)

1.5 POWER EFFICIENCY 电源效率**1.5.1 82.5%(min.) at full load 220Vac 50HZ**

最小 82.5% (输入 220V/50HZ, 满负载.)

2.0 OUTPUT 输出

VOLTAGE 电压	+13V	+5V
Max. load 重载 ①	3.0A	1.25A
Min.load 轻载	0.3A	0.12A
Peak load 峰值 ②	6A	1.25A
Regulation 稳压范围 ④	+/- 5%	+/- 2%
Ripple and Noise 纹波和杂讯	120mV	50mV

NOTE:

①. +13V peak surge current 200ms. max. +13V 峰值电流时间为 200 毫秒以上.

②. A 0.1uF and 10uF tantalum capacitors should be put across output terminals during ripple & Noise test. The oscilloscope bandwidth is set at 20 MHz and co-axial probe will be used to measure it.

在测试纹波和杂讯的期间, 用一个 0.1uF 和一个 10uF 的钽电容并接在输出端上; 采用 20MHZ 或以上波段的示波器, 使用同轴探头去测量纹波和杂讯。

③. The cross-load regulation is defined in the matrix below. (UNIT: A)

Range	+5V	+13V
1	1.25	3.0
2	0.12	3.0
3	0.12	0.3
4	1.25	0.3

3.0 PROTECTION: 保护功能

The power supply should protect itself when over current, over voltage or short circuit recover when occur, and will the breakdown's removed.

电源因过流、短路时会自动保护, 当故障排除后, 电源会自动恢复工作。

3.1 OVER CURRENT PROTECTION: 过流保护+5V: current limitation $\leq 2.5A$ +5V 限流点 ≤ 2.5 安**3.2 SHORT CIRCUIT PROTECTION 短路保护**

Output to GND.

输出端到地。故障排除后能自动恢复工作

4.0 Power sequencing 输出时序

4.1 +13V Start-up delay<2s +13V 上升时间<2s

4.2 Power-up: +5V is ON after +13V (delay from 0ms to 200ms)

上电: +5V 在+13V 后 0 毫秒到 200 毫秒。

Power-down : +13V shall start to go down and then +5V will decrease (delay from 0ms to 200ms)

掉电: +13V 开始掉电后 0 毫秒到 200 毫秒后+5V 再减少。

5.0 HI-POT 耐压

5.1 INPUT TO OUTPUT:VOLTAGE 4000VAC TIME 60 SEC.; CUT OFF CURRENT:2.4mAMAX

输入到输出: 交流 4000V 持续 60 秒,最大漏电流 2.4 毫安。

6.0 AUTOMATIC SELECTOR 电源输入和电池输入的自动选择

Output #13V is used to generate all the other supply voltages. Then, whenever the mains is present, the output #13V is generated from the mains, even if the battery is connected. In that case, the battery has not to be charged by the mains (no charger function). If the mains disappears suddenly, the battery has to take over in a split second until the mains comes back. This has not to impact on the output voltages. When only the battery is connected, the power supply works normally. But, if the mains is connected, it is used; therefore the battery is unused selector. due to the automatic selector.

When the battery is not connected, a low voltage (< 10mVdc) can be measured on the input battery connector.

The battery is disconnected if the voltage is lower than 11.0Vdc.

7.0 LEAKAGE CURRENT EACH LINE TO LINE.漏电流

0.25mA MAX. AT 240V 50Hz 最大 0.25 毫安 (输入 240V 50Hz)

8.0 MTBF 平均无故障运行时间

500000h at full load @50°C 50°C满载工作 500000 小时

9.0 Safety/EMC Standards 安规和电磁兼容性标准

NF EN60601-1 (avril 1996)

+ deviations CSA from the CAN/CSA C22.2 N°601.1 standard

+ deviations CSA from the CAN/CSA C22.2 N°601.1S1 standard

+ deviations CSA from the CAN/CSA C22.2 N°601.1B standard

+ deviations UL from the UL 2601-1

NF 60601-1-2 (2nd edition)

89/336/CEE (electromagnetic compatibility EMC)

10.0 ENVIRONMENT :使用环境

10.1 AMBIENT OPERATION TEMPERATURE 5°C to +50°C

使用环境温度 : 5°C至+50°C

10.2 AMBIENT OPERATION RELATIVE HUMIDITY 95%MAX

使用环境相对湿度: 最大 95%

10.3 AMBIENT STORAGE TEMPERATURE - 20°C to +60°C

储存环境温度: - 20°C至+60°C

10.4 AMBIENT STORAGE RELATIVE HUMIDITY 95% MAX

储存环境相对湿度: 95%MAX

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