

广州中逸光电子科技有限公司

测试报告

型号： SFA05-S05R3

日期： 2020-11-30

制表： 曾德红

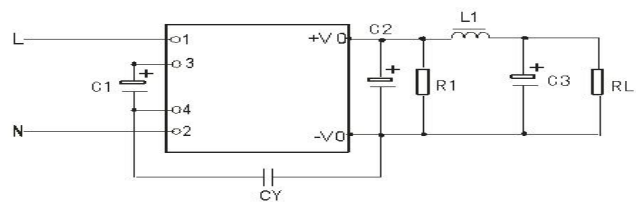
测试数据：

| 输入电压 | 输入电流 | 输入功率 | 输出负载 | | 输出电压 | 效率 | 纹波 | 短路启动 | 过流点 | VCC电压 | 负载调整率 | 电压调整率 | 电压精度 | 结果 |
|------|-------|------|------|------|------|-------|----|------|---------|-------|-------|-------|------|-------------------------|
| 85V | | 0 | 空载 | | 4.99 | | 28 | OK | 136.00% | 11.5 | | | | P符合技术手册要求 □不符合技术手册要求 |
| | 0.018 | 0.69 | 10% | 0.10 | 4.99 | 72.3% | 40 | | | 11.99 | | | | |
| | 0.031 | 1.31 | 20% | 0.20 | 4.98 | 76.0% | 60 | | | | | | | |
| | 0.045 | 1.95 | 30% | 0.30 | 4.99 | 76.8% | 36 | | | | | | | |
| | 0.06 | 2.65 | 40% | 0.40 | 4.99 | 75.3% | 44 | | | | | | | |
| | 0.075 | 3.37 | 50% | 0.50 | 4.99 | 74.0% | 48 | | | 12.65 | | | | |
| | 0.09 | 4.1 | 60% | 0.60 | 4.99 | 73.0% | 68 | | | | | | | |
| | 0.105 | 4.81 | 70% | 0.70 | 4.99 | 72.6% | 58 | | | | | | | |
| | 0.119 | 5.51 | 80% | 0.80 | 4.99 | 72.5% | 48 | | | | | | | |
| | 0.133 | 6.21 | 90% | 0.90 | 4.99 | 72.3% | 68 | | | | | | | |
| | 0.147 | 6.9 | 100% | 1.00 | 4.97 | 72.0% | 76 | | | 13.29 | | | | |
| 115V | | 0 | 空载 | | 4.99 | | 24 | OK | 140.00% | 11.5 | | | | |
| | 0.014 | 0.71 | 10% | 0.10 | 4.99 | 70.3% | 64 | | | 12.01 | | | | |
| | 0.024 | 1.31 | 20% | 0.20 | 4.99 | 76.2% | 44 | | | | | | | |
| | 0.034 | 1.96 | 30% | 0.30 | 4.99 | 76.4% | 88 | | | | | | | |
| | 0.046 | 2.67 | 40% | 0.40 | 4.99 | 74.8% | 40 | | | | | | | |
| | 0.057 | 3.41 | 50% | 0.50 | 4.99 | 73.2% | 76 | | | 12.7 | | | | |
| | 0.068 | 4.16 | 60% | 0.60 | 4.99 | 72.0% | 60 | | | | | | | |
| | 0.079 | 4.83 | 70% | 0.70 | 4.99 | 72.3% | 64 | | | | | | | |
| | 0.09 | 5.55 | 80% | 0.80 | 4.99 | 71.9% | 80 | | | | | | | |
| | 0.1 | 6.24 | 90% | 0.90 | 4.99 | 72.0% | 84 | | | | | | | |
| | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|------|-------|------|------|------|------|-------|-----|----|---------|-------|--|--|--|
| | 0.109 | 6.9 | 100% | 1.00 | 4.97 | 72.0% | 56 | | | 13.18 | | | |
| 230V | | | 空载 | | 4.98 | | 24 | OK | 160.00% | 11.55 | | | |
| | 0.008 | 0.7 | 10% | 0.10 | 4.99 | 71.3% | 44 | | | 12.03 | | | |
| | 0.013 | 1.38 | 20% | 0.20 | 4.99 | 72.3% | 64 | | | | | | |
| | 0.019 | 2.04 | 30% | 0.30 | 4.99 | 73.4% | 71 | | | | | | |
| | 0.025 | 2.7 | 40% | 0.40 | 4.99 | 73.9% | 68 | | | | | | |
| | 0.031 | 3.46 | 50% | 0.50 | 4.99 | 72.1% | 56 | | | 12.97 | | | |
| | 0.037 | 4.15 | 60% | 0.60 | 4.99 | 72.1% | 64 | | | | | | |
| | 0.043 | 4.84 | 70% | 0.70 | 4.99 | 72.2% | 56 | | | | | | |
| | 0.049 | 5.48 | 80% | 0.80 | 4.99 | 72.8% | 72 | | | | | | |
| | 0.054 | 6.25 | 90% | 0.90 | 4.99 | 71.9% | 112 | | | | | | |
| | 0.069 | 6.89 | 100% | 1.00 | 4.98 | 72.3% | 92 | | | 13.79 | | | |
| 300V | 0 | | 空载 | | 4.99 | | 24 | OK | 166.00% | 11.58 | | | |
| | 0.007 | 0.72 | 10% | 0.10 | 4.98 | 69.2% | 72 | | | 12.04 | | | |
| | 0.044 | 1.44 | 20% | 0.20 | 4.99 | 69.3% | 76 | | | | | | |
| | 0.015 | 2.16 | 30% | 0.30 | 4.99 | 69.3% | 96 | | | | | | |
| | 0.02 | 2.86 | 40% | 0.40 | 4.99 | 69.8% | 94 | | | | | | |
| | 0.025 | 3.58 | 50% | 0.50 | 4.99 | 69.7% | 98 | | | 13.25 | | | |
| | 0.03 | 4.3 | 60% | 0.60 | 4.99 | 69.6% | 116 | | | | | | |
| | 0.035 | 5.01 | 70% | 0.70 | 4.99 | 69.7% | 96 | | | | | | |
| | 0.04 | 5.75 | 80% | 0.80 | 4.99 | 69.4% | 96 | | | | | | |
| | 0.044 | 6.33 | 90% | 0.90 | 4.99 | 70.9% | 95 | | | | | | |
| | 0.049 | 7 | 100% | 1.00 | 4.99 | 71.8% | 98 | | | 14.42 | | | |

耐压 3KV AC 5mA OK

产品老化 负载: 满载1H 老化结果: OK



测试说明

CY

外部电路元器件的典型值

| 元件 产品型号 | C1 | C2 | C3 | CY | R1 |
|------------|----------|---------------------|-----------|-------------------|----------------------------------|
| | 15uF/450 | 330uF/16V(固态 电容) | 220uF/16V | 安规 Y 电容 102K/400V | 假负载 1K Ω , 假负 载电流是 5mA |