

客户承认书

SPECIFICATION FOR APPROVAL

CUSTOMER./客户: _____

CUSTOMER P.N./客户物料号: _____

MODEL OF CERTIFICATE/认证型号: EUC-200S420ST-0101

PRODUCT MODEL/产品型号: MSL-T42001C48.0-200B

PRODUCT NO./产品编号: XDP0101-NO

SAMPLE DATE/送样日期: 2012-07-09

CUSTOMER AUTHORIZED SIGNATURE /客户承认签核		

Please return to us one copy of "SPECIFICATION FOR APPROVAL" with you approved signature./客户确认签字，盖章后请回传一份承认书给我司。

ADD: Moso Technology Park, 6F, Sangtai Industrial Park, Guanwai Xi aobai mang
Songbai Road, Nanshan District, Shenzhen, Guangdong 518108, P. R. China
地址: 深圳市南山区西丽镇茂硕科技园

TEL: 0755-27657000

27657555

P.C.: 518108

FAX: 0755-27657908

E-mail: moso@mosopower.com

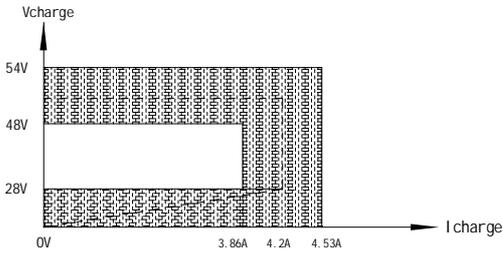
<http://www.mosopower.com>

Prepared By: 拟制:	Checked By: 审核:	Approved By: 批准:
---------------------	--------------------	---------------------

Table Of Content/目录

1. Scope/简述.....	4
2. Input Characteristics/输入特性.....	4
2.1. Input Voltage & Frequency/输入电压与频率.....	4
2.2. Input AC Current/输入交流电流.....	4
2.3. Inrush Current (cold start) /浪涌电流(冷启动).....	4
2.4. Power Factor/功率因素.....	4
2.5. Efficiency/效率.....	4
3. Output Characteristics/输出特性.....	4
3.1. Static Output Characteristics <Vo & R&N<2000mVp-p >/静态输出.....	4
3.2. Voltage/Current Curve/恒压/恒流控制曲线.....	5
3.3. Turn - on Delay Time/开机延迟时间.....	5
3.4. Hold-up Time/关机保持时间.....	5
3.5. Output voltage Overshoot /输出电压过冲.....	5
4. Protection Requirements/保护要求.....	5
4.1. Short Circuit Protection/短路保护.....	5
4.2. Over Voltage Protection/过压保护.....	5
5. Environment Requirements/环境要求.....	5
5.1. Operating Temperature and Relative Humidity/操作温/相对湿度要求.....	5
5.2. Storage Temperature and Relative Humidity/存储温/相对湿度要求.....	5
5.3. Vibration/振动.....	5
5.4. Waterproof grade/防水等级: IP67.....	5
6. Reliability Requirements/可靠性要求.....	6
6.1. Burn-in/煲机.....	6
6.2. LIFE Time Qualification/寿命时间估算.....	6
7. Safety & EMI/EMS Standards/安规及 EMI/EMS 标准.....	6
7.1. Safety Category/安规种类.....	6
7.2. EMI Standards/EMI 标准.....	6
7.3. EMS Standards/EMS 标准.....	6
8. Safety Standards/安规标准.....	7
8.1. Dielectric Strength(Hi -pot)/介电耐压强度(高压).....	7
8.2. Grounded Resistance/接地电阻.....	7
8.3. Leakage Current/泄漏电流.....	7
8.4. Insulation Resistance/绝缘阻抗.....	7
9. Derating Curve/降额曲线.....	7
10. Mach. Outline Drawing/外观示意图.....	8
11. I/O Marking Drawing/铭牌示意.....	9

3.2. Voltage/Current Curve/恒压/恒流控制曲线



Constant Current Output Characteristics /恒流输出特性	Min. / 最小值	Typ. / 典型值	Max. / 最大值
Output Current Range/输出电流范围	3.86A	4.2A	4.53A
Output Voltage Range/输出电压范围	28V	/	48V

3.3. Turn - on Delay Time/开机延迟时间

3.0S max. @ 100-277Vac input & full load.

3.4. Hold-up Time/关机保持时间

8.5mS min. @ full load & 115Vac/60Hz input turn off at worst case /在最差情况关机

10mS min. @ Full load & 230Vac/50Hz input turn off at worst case/在最差情况关机

3.5. Output voltage Overshoot /输出电压过冲

10% max. When the power on /电源开机最大过冲不超过 10%.

4. Protection Requirements/保护要求

4.1. Short Circuit Protection/短路保护

The input power shall decrease when the output rail short, the power supply shall no damage, and shall be self-recovery when the fault condition is removed.

当输出短路时,产品输入功率降低且不会损伤,当短路情况解除后,产品将会自动恢复正常

4.2. Over Voltage Protection/过压保护

When the output voltage is over (1.2-1.4) V_{out} , the product will shutdown and enter protection status, the driver will re-start and work normally if the fault condition was eliminated.

当输出电压超过(1.2-1.4) V_{out} 时,产品将会关机进入保护状态,当故障解除后,产品将会重启正常工作

5. Environment Requirements/环境要求

5.1. Operating Temperature and Relative Humidity/操作温/相对湿度要求

-35°C to +60°C

10%RH to 100%RH

5.2. Storage Temperature and Relative Humidity/存储温/相对湿度要求

-40°C to +85°C

5% to 100%RH non-condensing at Sea level shall be low 10,000 feet/低于 10,000 英尺.

5.3. Vibration/振动

10 to 300Hz sweep at a constant acceleration of 1.0G(Breadth: 3.5mm) for 1Hour for each of the perpendicular axes X, Y, Z.

扫描频率: 10 to 300Hz,加速度: 1.0G(位移: 3.5mm), X, Y, Z 三垂直坐标轴向各振动 1 小时.

5.4. Waterproof grade/防水等级: IP67

6. Reliability Requirements/可靠性要求

6.1. Burn-in/煲机

The power supply shall undergo a minimum of 4 Hours burn-in test at 40°C ± 5°C under full load condition

产品至少要在 40°C ± 5°C 的环境及满载条件下煲机 4 小时

6.2. LIFE Time Qualification/寿命时间估算

The Life Time shall be at least 50,000hours at 45°C, Full load and nominal input condition

寿命时间: 在 45°C 环境及额定输入与满载条件下, 至少 50,000 小时.

7. Safety & EMI/EMS Standards/安规及 EMI/EMS 标准

7.1. Safety Category/安规种类

Safety Category	Country	Standard
CUL	USA & Canada	UL8750, UL935, UL1012, UL1310 Class 2, CSA-C22.2 No. 107.1, CSA C22.2 No. 223-M91 Class 2
CE	Europe	EN 61347-1, EN 61347-2-13

7.2. EMI Standards/EMI 标准

EMI Standards	Country	Notes
EN 55015	Europe	Conducted emission Test & Radiated emission Test with 6 dB margin
FCC	USA	FCC Part 15 class B, ANSI C63.4: 2009

7.3. EMS Standards/EMS 标准

EN 61000-3-2	Harmonic current emissions
EN 61000-3-3	Voltage fluctuations & flicker
EN 61000-4-2	Electrostatic Discharge(ESD): 8kV air discharge, 4kV contact discharge
EN 61000-4-3	Radio-Frequency Electromagnetic Field Susceptibility Test-RS
EN 61000-4-4	Electrical Fast Transient / Burst-EFT
EN 61000-4-5	Surge Immunity Test: AC Power Line: line to line 2 kV, line to earth 4 kV
EN 61000-4-6	Conducted Radio Frequency Disturbances Test-CS
EN 61000-4-8	Power Frequency Magnetic Field Test
EN 61000-4-11	Voltage Dips
EN 61547	Electromagnetic Immunity Requirements Applies To Lighting Equipment

8. Safety Standards/安规标准

8.1. Dielectric Strength(Hi -pot)/介电耐压强度(高压)

Primary to Secondary: 3750Vac 10mAMax / 60second(3second for production)/Intermediary goods

初级对次级: 3750Vac /10mAMax / 60 秒(生产时高压测试时间: 3 秒)<半成品>

Primary to Secondary: 1875Vac 10mAMax / 60second(3second for production)/ Finished goods

初级对次级: 1875Vac /10mAMax / 60 秒(生产时高压测试时间: 3 秒)<成品>

Primary to Earth: 1875Vac 10mAMax / 60second(3second for production)

初级对地: 1875Vac /10mAMax / 60 秒(生产时高压测试时间: 3 秒)

Secondary to Earth: 1875Vac 10mAMax / 60second(3second for production)

次级对地: 1875Vac /10mAMax / 60 秒(生产时高压测试时间: 3 秒)

8.2. Grounded Resistance/接地电阻

< 0.1 Ω , 25A, 1Minute

8.3. Leakage Current/泄漏电流

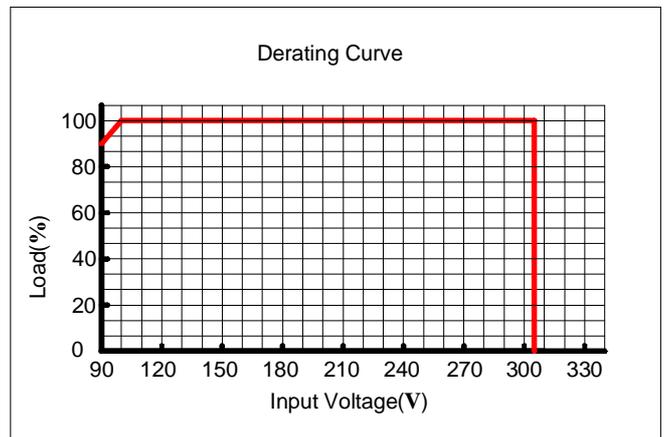
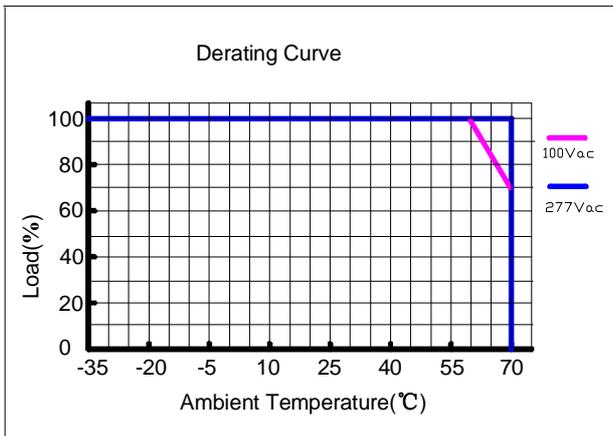
0.75mAMax. at input 277Vac/50Hz.

8.4. Insulation Resistance/绝缘阻抗

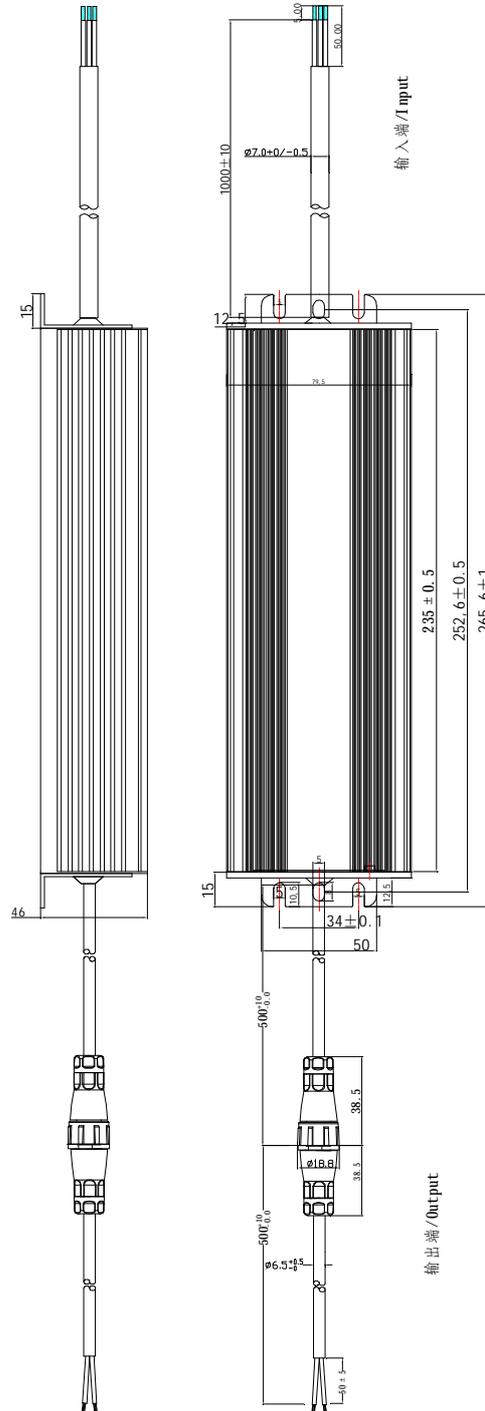
The IR shall be at least 50M Ω when apply 500Vdc between primary and secondary.

在初级与次级间加 500Vdc 进行绝缘测试, 最小绝缘阻抗 50M Ω .

9. Derating Curve/降额曲线



10. Mach. Outline Drawing/外观示意图 XDP0101-N0



- 公差: 未标识公差统一±0.5的公差, 标识的以标识公差为准
 / Tolerance: ±0.5mm for unidentified part, identified refer to the fact
- Unit/单位: mm

Dimensions/尺寸	Millimeters(Inches) /毫米 (英寸)
Length/长	265(10.43)
Width/宽	79.5(3.13)
Height/高	46(1.81)

Wire/线	Specification/规格
AC Input/输入	3*1.0mm ² CCC+VDE
DC Output/输出	2*1.0mm ² CCC+VDE
Dimmi ng/调光	/

11. I/O Marking Drawing/铭牌示意

