

- 89%
- 0.95
- IP66
- Class 2 SELV



EUV-042SxxxPS

90 ~ 305 Vac

| 12 Vdc | 90 ~ 305 Vac | 0~3500 mA | 42 W | 84% | 0.96 | 0.95 | EUV-042S012PS <sup>(3)</sup> |
|--------|--------------|-----------|------|-----|------|------|------------------------------|
| 24 Vdc | 90 ~ 305 Vac | 0~1750 mA | 42 W | 86% | 0.96 | 0.95 | EUV-042S024PS <sup>(3)</sup> |
| 36 Vdc | 90 ~ 305 Vac | 0~1160 mA | 42 W | 87% | 0.96 | 0.95 | EUV-042S036PS <sup>(3)</sup> |
| 48 Vdc | 90 ~ 305 Vac | 0~875 mA  | 42 W | 89% | 0.96 | 0.95 | EUV-042S048PS <sup>(4)</sup> |

- 1 UL, FCC : 100-277Vac; UL & FCC : 100~ 240Vac  
 2 220Vac, 100%  
 3 Class 2 &  
 4 Class 2 , Class 2

|                  | 90 Vac | - | 305 Vac               |                          |
|------------------|--------|---|-----------------------|--------------------------|
|                  | 47 Hz  | - | 63 Hz                 |                          |
|                  | -      | - | 0.75 mA               | 277Vac/60Hz              |
|                  | -      | - | 0.70 mA               | IEC60598-1; 240Vac/ 60Hz |
|                  | -      | - | 0.6 A                 | 100Vac, 100%             |
|                  | -      | - | 0.3 A                 | 220Vac, 100%             |
|                  | -      | - | 70 A                  | 220Vac 25 10% -          |
| I <sup>2</sup> t | -      | - | 0.16 A <sup>2</sup> s | 10% = 100 μs             |

|  | 0.90 | - | -   | 100~ 277Vac,50-60Hz,75% ~ 100% |
|--|------|---|-----|--------------------------------|
|  | -    | - | 20% | (31.5~ 42W)                    |

|  | -5%Vo            |                  | 5%Vo                         |                          |
|--|------------------|------------------|------------------------------|--------------------------|
| Vo = 12 V<br>Vo = 24 V<br>Vo = 36 V<br>Vo = 48 V | -<br>-<br>-<br>- | -<br>-<br>-<br>- | 3 V<br>4 V<br>4 V<br>4 V     | 20MHz<br>0.1µF      10µF |
| Vo = 12 V<br>Vo = 24 V<br>Vo = 36 V<br>Vo = 48 V | -<br>-<br>-<br>- | -<br>-<br>-<br>- | 16 V<br>28 V<br>40 V<br>52 V |                          |
|  | -                | -                | 10%Vo                        | 100%                     |
|  | -                | -                | ±2%                          | 100%                     |

|                            |                                    |               |     |                                |
|----------------------------|------------------------------------|---------------|-----|--------------------------------|
|                            |                                    |               |     |                                |
|                            | 327,000 hours                      | -             | -   | 120Vac 25 ,80% (MIL-HDBK-217F) |
|                            | -                                  | 116,000 Hours | -   | 120Vac 80% 60                  |
|                            | -40                                | -             | +90 |                                |
|                            | -40                                |               | +70 | : 10% RH to 100% RH            |
|                            | -40                                |               | +85 | : 5% RH to 100% RH             |
| (L x W x H)<br>(L x W x H) | 3.74 x 2.76 x 1.26<br>95 x 70 x 32 |               |     |                                |
|                            | -                                  | 390 g         | -   |                                |

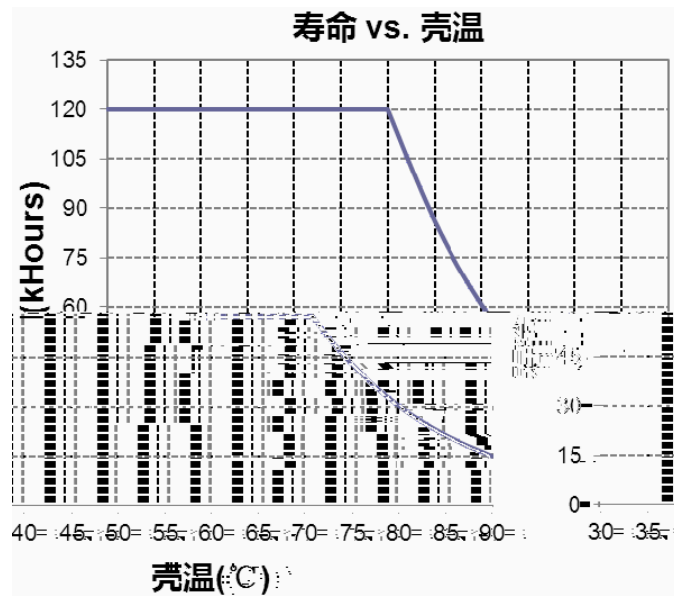
25°C

|                            |   |
|----------------------------|---|
|                            |   |
| UL/CUL                     | UL8750, UL 1310, CAN/CSA-C22.2 No. 250.13, CAN/CSA-C22.2 No. 223-M91  |
| CE                         | EN 61347-1, EN61347-2-13  |
| KS                         | KS C 7655   |
|                            |   |
| EN 55015 <sup>(1)</sup>    | Conducted Emission Test & Radiated Emission Test  |
| EN 61000-3-2               | Harmonic current emissions  |
| EN 61000-3-3               | Voltage fluctuations & flicker  |
| FCC Part 15 <sup>(1)</sup> | ANSI C63.4 Class B<br>This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: [1] this device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired operation. |
| <b>EMS</b>                 |   |
| EN 61000-4-2               | Electrostatic Discharge (ESD): 8 kV air discharge, 4 kV contact discharge   |
| EN 61000-4-3               | Radio-Frequency Electromagnetic Field Susceptibility Test-RS  |

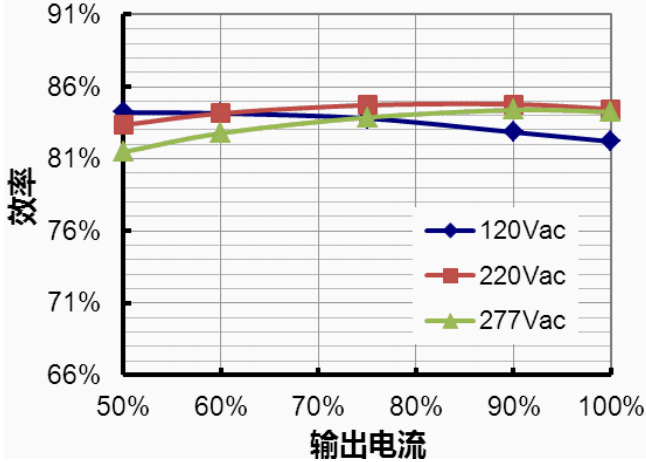
| EMS           |   |
|---------------|---|
| EN 61000-4-4  | Electrical Fast Transient / Burst-EFT                               |
| EN 61000-4-5  | Surge Immunity Test: AC Power Line: Differential Mode 2 kV          |
| EN 61000-4-6  | Conducted Radio Frequency Disturbances Test-CS                      |
| EN 61000-4-8  | Power Frequency Magnetic Field Test                                 |
| EN 61000-4-11 | Voltage Dips  |
| EN 61547      | Electromagnetic Immunity Requirements Applies To Lighting Equipment |

1 EMI

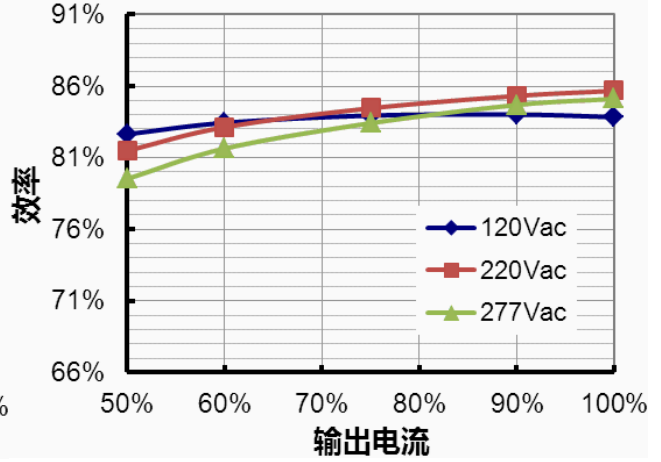
( ) EMI



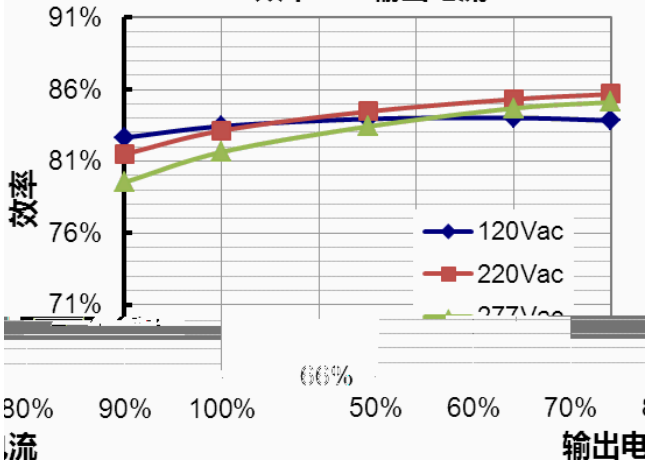
**EUV-042S012PS**  
效率 vs. 输出电流



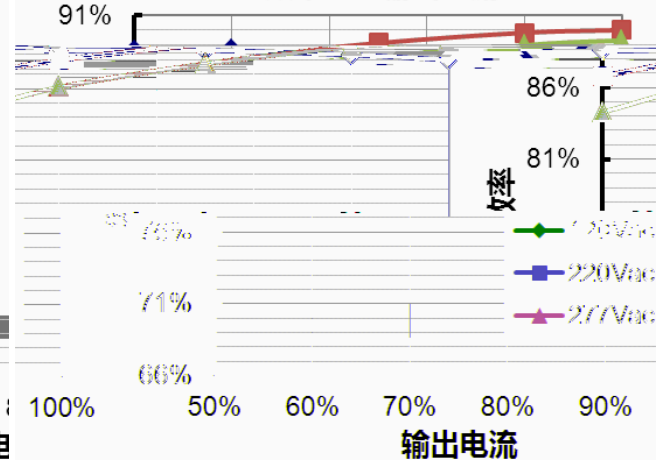
**EUV-042S024PS**  
效率 vs. 输出电流

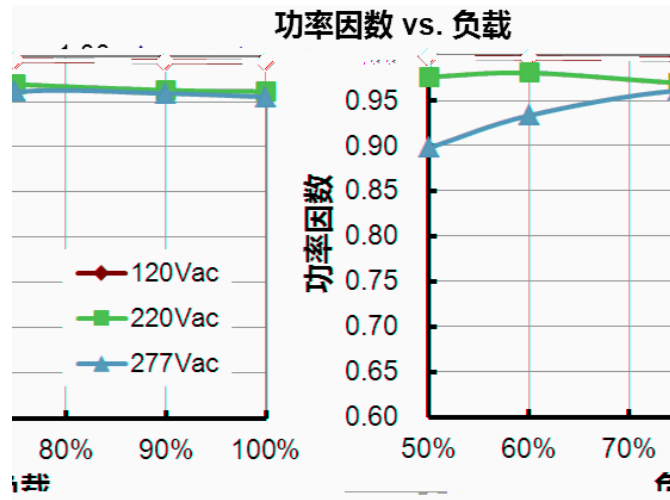


**EUV-042S036PS**  
效率 vs. 输出电流

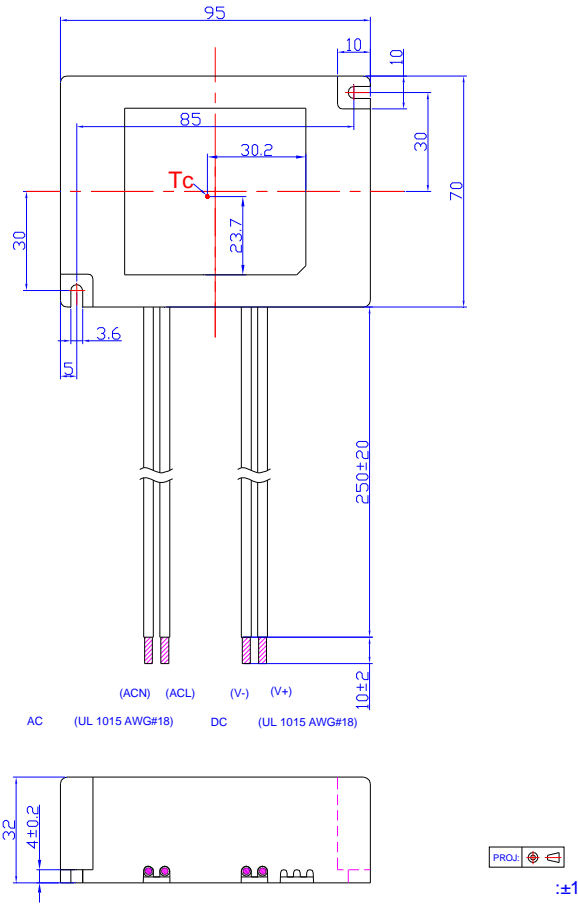


**EUV-042S048PS**  
效率 vs. 输出电流





|     |        |        |        |  |
|-----|--------|--------|--------|--|
|     |        |        |        |  |
|     | 1.1 lo | 1.4 lo | 1.7 lo |  |
| -Tc | 110    |        | 75     |  |
|     |        |        |        |  |



RoHS 2011/65/EU

EU 2015/863

