

- 91.5%
- 
- 4kV 6kV
- 
- IP67
- SELV
- 5



EBV-060SxxxSVF

60W IP67

176-305Vac

|      | (1)                            |            | (2)  | (3)   | 220Vac |                |
|------|--------------------------------|------------|------|-------|--------|----------------|
| 24 V | 176 ~ 305 Vac<br>190 ~ 250 Vdc | 0 ~ 2.5 A  | 60 W | 88.5% | 0.96   | EBV-060S024SVF |
| 36 V | 176 ~ 305 Vac<br>190 ~ 250 Vdc | 0 ~ 1.7 A  | 60 W | 89.5% | 0.96   | EBV-060S036SVF |
| 48 V | 176 ~ 305 Vac<br>190 ~ 250 Vdc | 0 ~ 1.25 A | 60 W | 91.5% | 0.96   | EBV-060S048SVF |

1 CCC 220/230/240Vac; CCC 200-240Vac  
 2 90-305Vac 90-176Vac " "  
 3 220Vac 100% " "

|                  | 176 Vac | - | 305 Vac               | 190 ~ 250 Vdc                       |
|------------------|---------|---|-----------------------|-------------------------------------|
|                  | 47 Hz   | - | 63 Hz                 |                                     |
|                  | -       | - | 0.70 mA               | IEC60598-1; 240Vac/60Hz             |
|                  | -       | - | 0.34 A                | 220Vac 100%                         |
| I <sup>2</sup> t | -       | - | 0.03 A <sup>2</sup> s | 220Vac 25<br>10%Ipk-10%Ipk = 1.6 μs |

|  |     |   |     |   |
|--|-----|---|-----|---|
|  |     |   |     |   |
|  | 0.9 | - | -   | 220-240Vac, 50-60Hz, 75%-100%<br>(45~60W) |
|  | -   | - | 10% |   |

|  |       |          |                         |                                     |
|--|-------|----------|-------------------------|-------------------------------------|
|  |       |          |                         |                                     |
|  | -5%Vo | -        | 5%Vo                    | 100%                                |
| (pk-avg)<br>EBV-060S024SVF<br>EBV-060S036SVF<br>EBV-060S048SVF | -     | -        | 2.0 V<br>2.5 V<br>2.5 V | 0% - 100%<br>20MHz<br>0.1μF<br>47μF |
|  | -     | -        | 5%Vo                    | 100%                                |
|  | -     | -        | ±1%                     | 100%                                |
|  | -     | -        | ±3%                     |                                     |
|  | -     | -        | 0.5 s                   | 220Vac 100%                         |
|  | -     | -        | 8%Vo                    | / 1 A/μs<br>25% ~ 100%              |
|  | -     | -        | 10 ms                   |                                     |
|  | -     | 0.03%/°C | -                       | = 0°C~Tc                            |

25°C

|  |                         |                         |             |                                    |
|--|-------------------------|-------------------------|-------------|------------------------------------|
|  |                         |                         |             |                                    |
| @220Vac:<br>EBV-060S024SVF<br>EBV-060S036SVF<br>EBV-060S048SVF | 86.5%<br>87.5%<br>89.5% | 88.5%<br>89.5%<br>91.5% | -<br>-<br>- | 100% 25°                           |
|  | -                       | 1171,000<br>Hours       | -           | 220 Vac 25 80% (MIL-<br>HDBK-217F) |
|  | -                       | 99,000<br>Hours         | -           | 220 Vac 80% 70                     |
|  | -40°C                   | -                       | +90°C       |                                    |
|  | -40°C                   | -                       | +75°C       | 5<br>10% RH to 100% RH             |
|  | -40°C                   | -                       | +85°C       | 5%RH to 100%RH                     |

|             |                    |       |   |                    |
|-------------|--------------------|-------|---|--------------------|
|             |                    |       |   |                    |
| (L x W x H) | 6.46 x 1.57 x 0.98 |       |   | 7.28 x 1.57 x 0.98 |
| (L x W x H) | 164 x 40.0 x 25.0  |       |   | 185 x 40.0 x 25.0  |
|             | -                  | 390 g | - |                    |

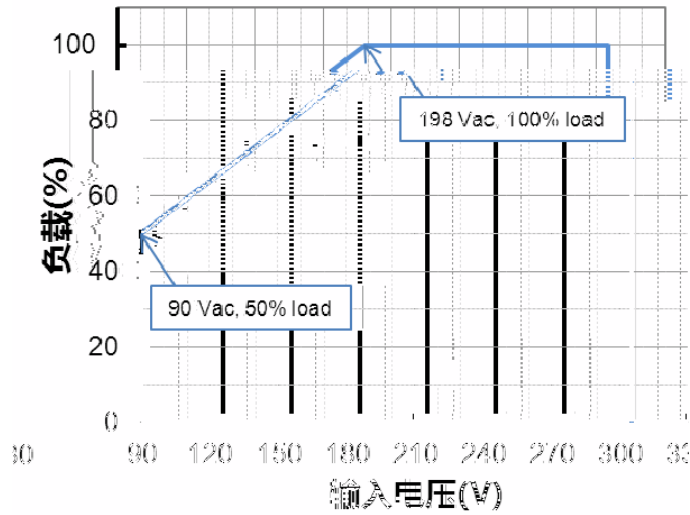
25°C

|                                  |  |
|----------------------------------|--|
|                                  |  |
| CE                               | EN 61347-1, EN61347-2-13   |
| CB                               | IEC 61347-1, IEC 61347-2-13  |
| CCC                              | GB 19510.1, GB 19510.14  |
| KS                               | KS C 7655  |
| <b>EMI</b>                       |  |
| EN 55015/GB 17743 <sup>(1)</sup> | Conducted emission Test & Radiated emission Test                             |
| EN 61000-3-2/GB 17625.1          | Harmonic current emissions   |
| EN 61000-3-3                     | Voltage fluctuations & flicker   |
| <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                 |
| EN 61000-4-4                     | Electrical Fast Transient / Burst-EFT  |
| EN 61000-4-5                     | Surge Immunity Test: AC Power Line: Differential Mode 4 kV, Common Mode 6 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          |

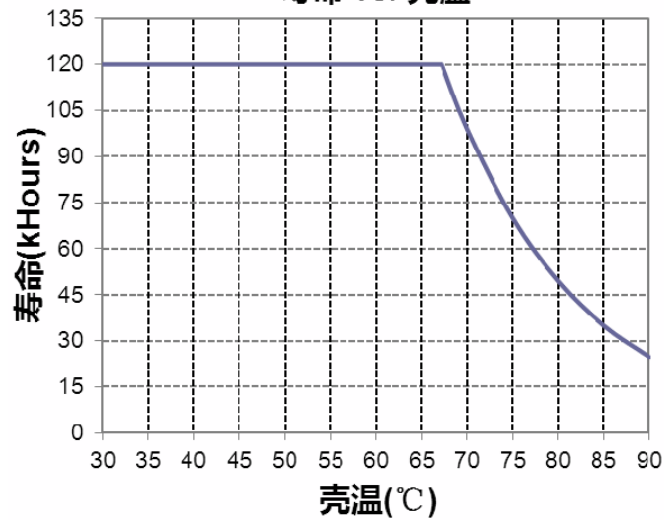
1 EMI

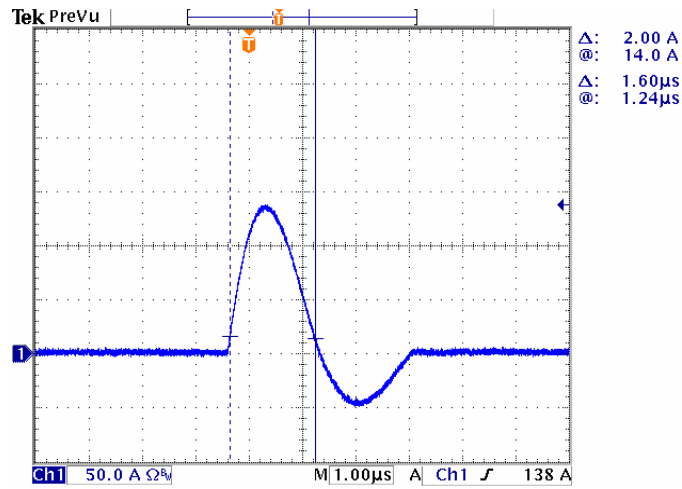
( ) EMI

降额曲线

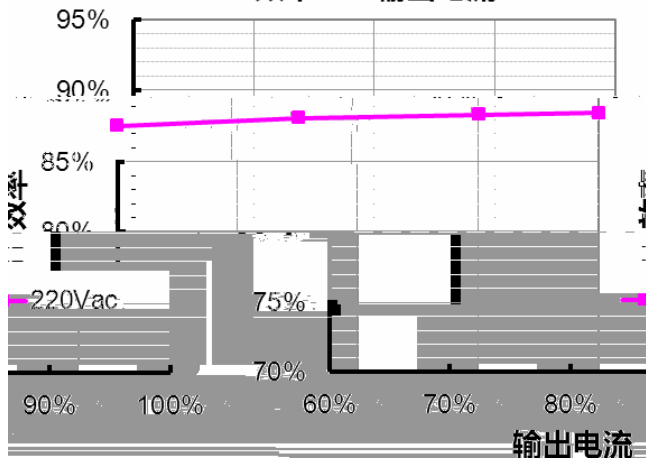


寿命 vs. 壳温

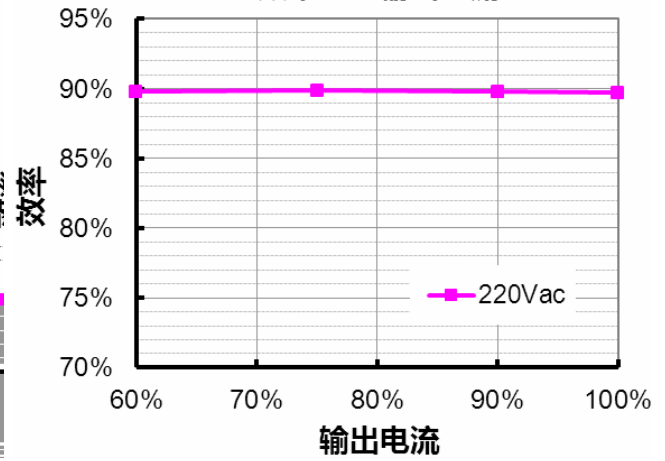




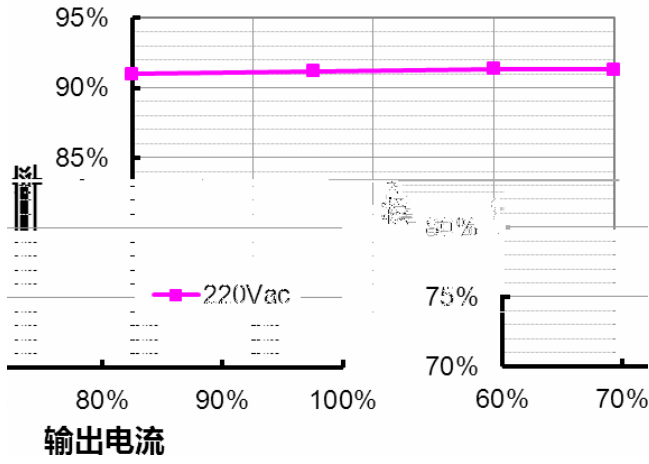
EBV-060S024SVF  
效率 vs. 输出电流



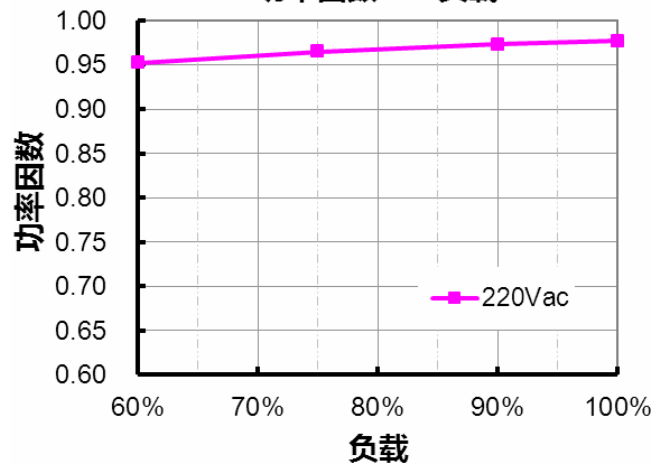
EBV-060S036SVF  
效率 vs. 输出电流

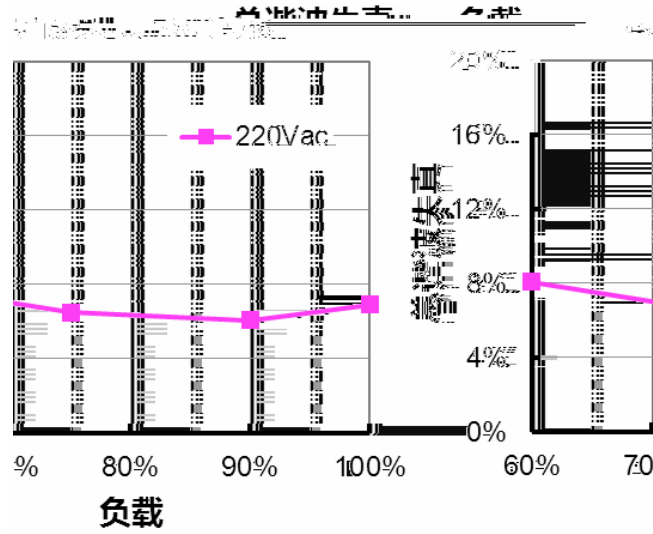


EBV-060S048SVF  
效率 vs. 输出电流

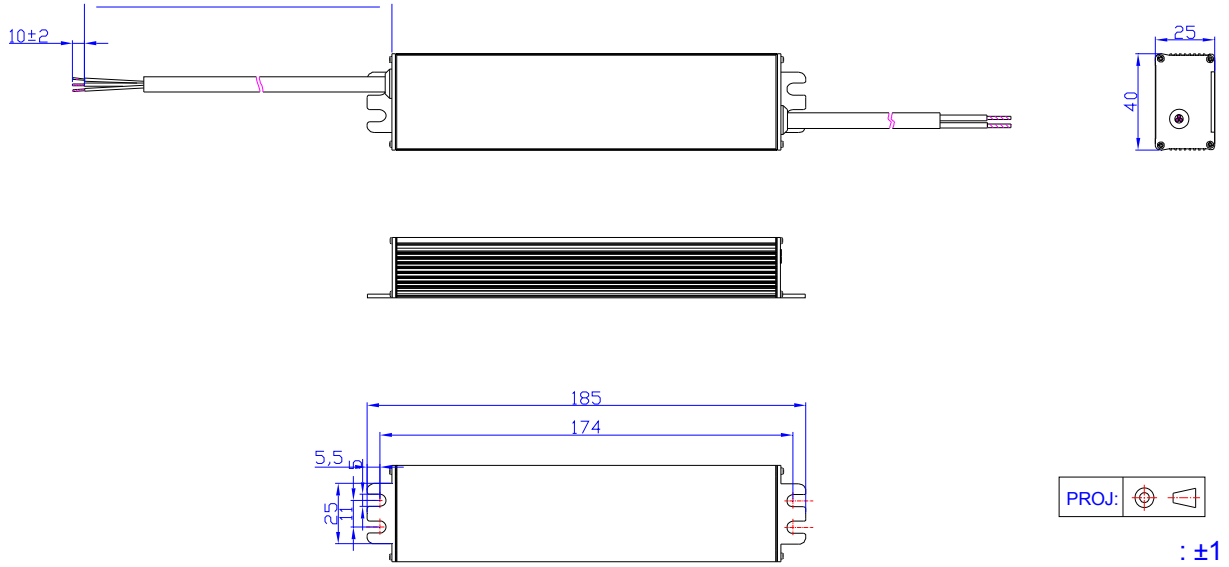


功率因数 vs. 负载





|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |





| 2019-08-09 | A |  | /            | /             |
|------------|---|--|--------------|---------------|
| 2019-08-14 | B |  | 871,000Hours | 1171,000Hours |