

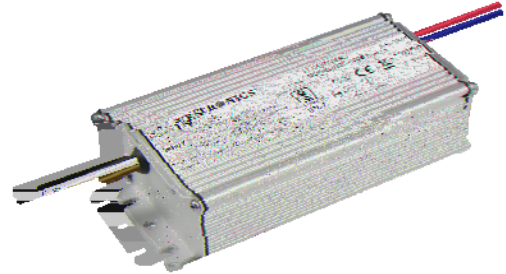
THD 10%
 91%
 : 4kV 6kV

Class I

&

IP66

5



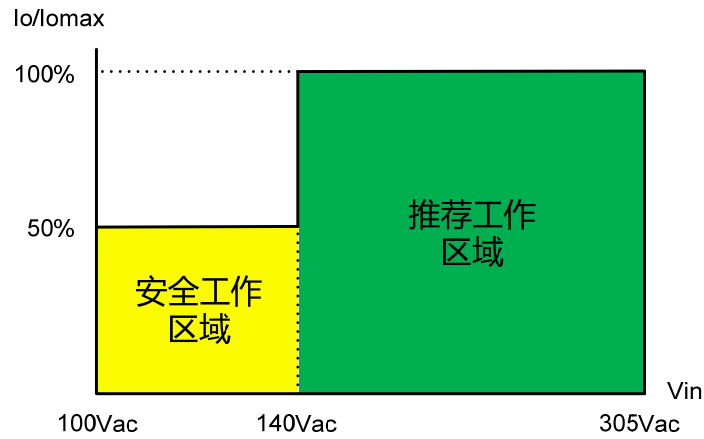
EDC-100S105ST-000x

100W IP66

140-305 Vac

| | (1)(2) | | | (3) | (3) | |
|---------|---------------|--------------|-------|-------|------|--------------------|
| 700 mA | 140 ~ 305 Vac | 71 ~ 143 Vdc | 100 W | 91.0% | 0.96 | EDC-100S105ST-0007 |
| 860 mA | 140 ~ 305 Vac | 58 ~ 116 Vdc | 100 W | 90.5% | 0.96 | EDC-100S105ST-0004 |
| 1050 mA | 140 ~ 305 Vac | 47 ~ 95 Vdc | 100 W | 90.0% | 0.96 | EDC-100S105ST |

- 1 : 220-240Vac
- 2 100-305Vac 100-140Vac
- 3 220 Vac



| | | | | |
|--------------------|---------|---|------------------------|---|
| | | | | |
| | 140 Vac | - | 305 Vac | |
| | 47 Hz | - | 63 Hz | |
| | - | - | 0.70 mA | IEC60598-1; 240Vac/60Hz |
| | - | - | 0.66 A | 100% 220Vac |
| (I ² t) | - | - | 0.008 A ² s | 220Vac 25 C 10%Ipk-10%Ipk = 42 μs |
| | 0.90 | - | - | At 200-277Vac, 50-60Hz, 75%-100% (75-100W) |
| | - | - | 20% | |
| | - | - | 10% | At 220-240Vac, 50-60Hz, 75%-100% (75-100W) |

| | | | | |
|---|-------------|-------------|-------------------------|------|
| | | | | |
| | -8%Io | - | 8%Io | 100% |
| | - | - | 10%Iomax | 100% |
| EDC-100S105ST-0007 EDC-100S105ST-0004 EDC-100S105ST | - - - | - - - | 200 V 200 V 200 V | |
| | - | - | ± 5.0% | 100% |
| | - | - | ± 5.0% | |

| | | | | |
|--|---|----------|-------|------------------|
| | | | | |
| | - | - | 0.5 s | 220Vac, 75%-100% |
| | - | 0.06%/ C | - | = 0 C~Tc |

Cree XLamp XP-G2 220Vac 25°C

| | | | | |
|---|-------------------------|-------------------------|-------------|--|
| | | | | |
| @220Vac: EDC-100S105ST-0007 EDC-100S105ST-0004 EDC-100S105ST | 89.0% 88.5% 88.0% | 91.0% 90.5% 90.0% | - - - | 100% 25 2.0% |
| | - | 501,000 Hours | - | 220Vac 25 80% (MIL- HDBK-217F) |
| | - | 96,000 Hours | - | 220Vac 80% 70°C |
| | -40°C | - | +90°C | |
| | -40°C | - | +75 C | 5 : 10%RH to 100%RH |
| | -40°C | - | +85°C | : 5%RH to 100%RH |
| (L x W x H) | 5.71 x 2.66 x 1.44 | | | 6.54 x 2.66 x 1.44 |
| (L x W x H) | 145 x 67.5 x 36.5 | | | 166 x 67.5 x 36.5 |
| | - | 730 g | - | |

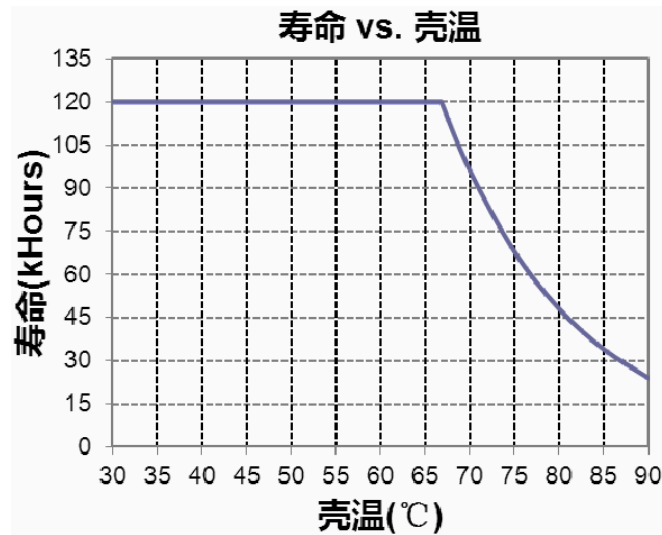
Cree XLamp XP-G2 25°C

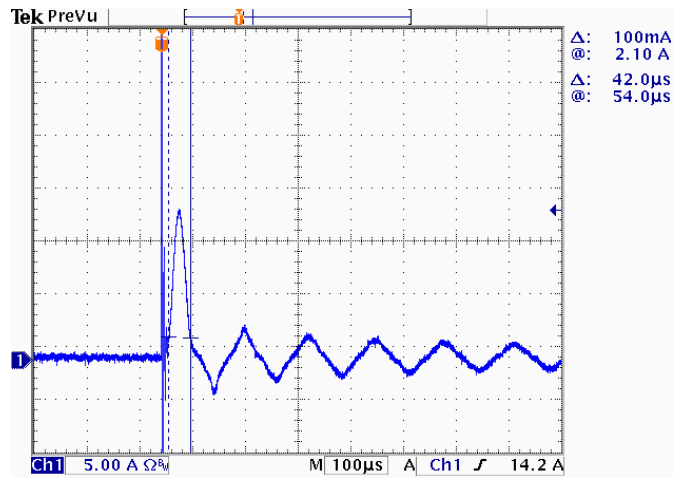
| | |
|-------------------------|---|
| | |
| BIS | IS 15885(PART2/SEC13) |
| CE | EN 61347-1, EN61347-2-13 |
| KS | KS C 7655 |
| EMI | |
| EN 55015 ⁽¹⁾ | Conducted emission Test &Radiated emission Test |
| EN 61000-3-2 | Harmonic current emissions |

| | |
|---------------|---|
| EMI | |
| EN 61000-3-3 | Voltage fluctuations & flicker |
| EMS | |
| 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: line to line 4 kV, line to earth 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

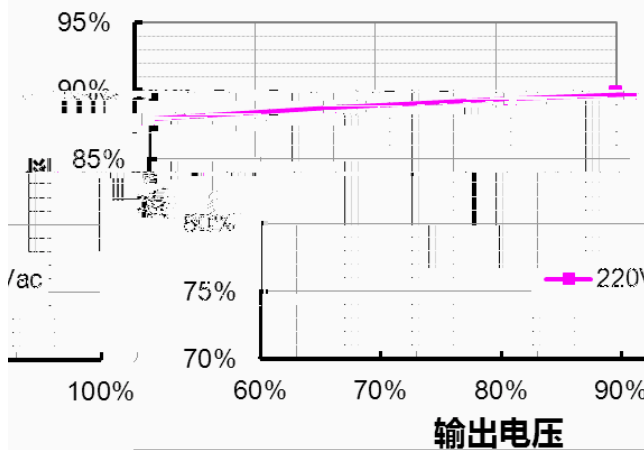
() EMI





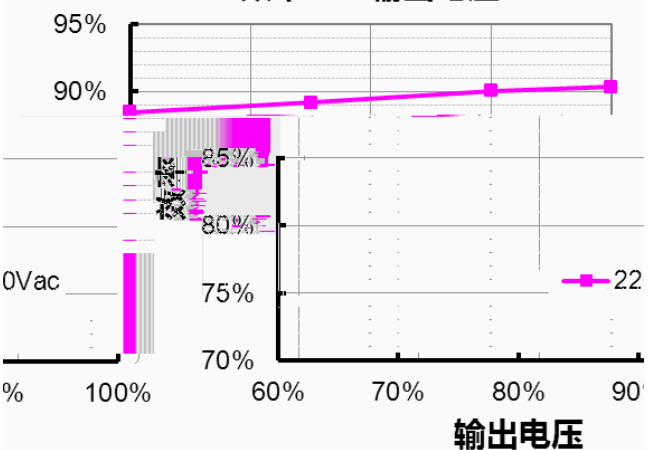
EDC-100S105ST($I_o=1050\text{mA}$)

效率 vs. 输出电压



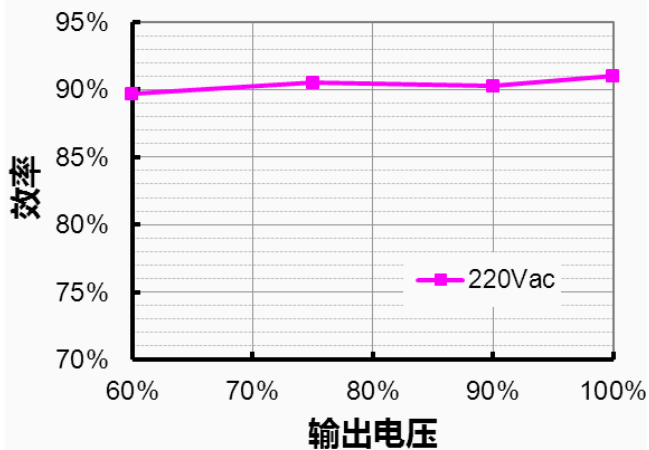
EDC-100S105ST-0004($I_o=860\text{mA}$)

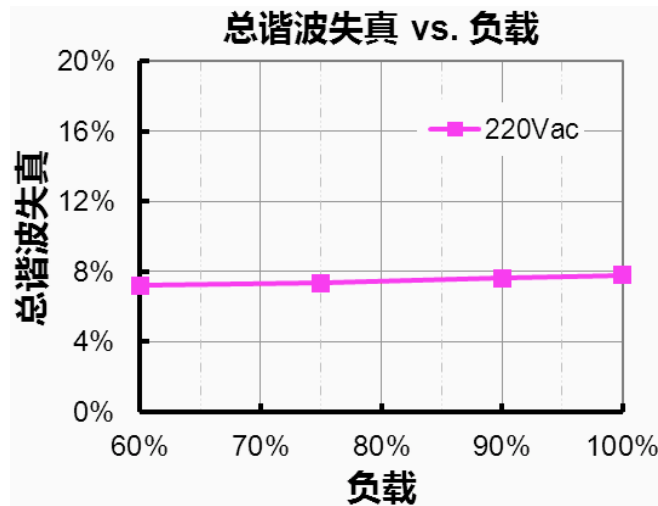
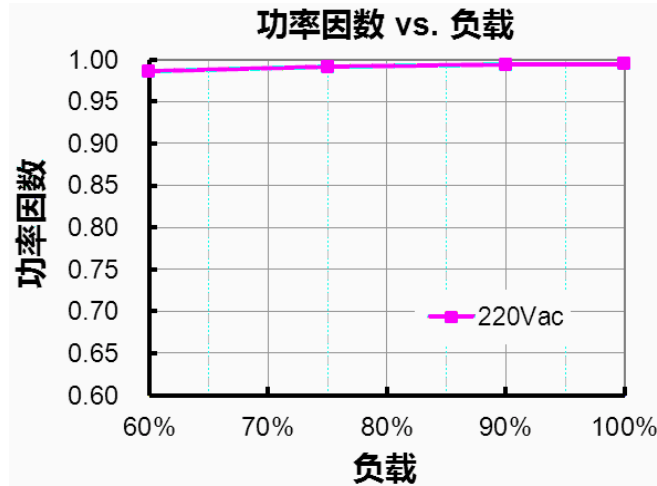
效率 vs. 输出电压



EDC-100S105ST-0007($I_o=700\text{mA}$)

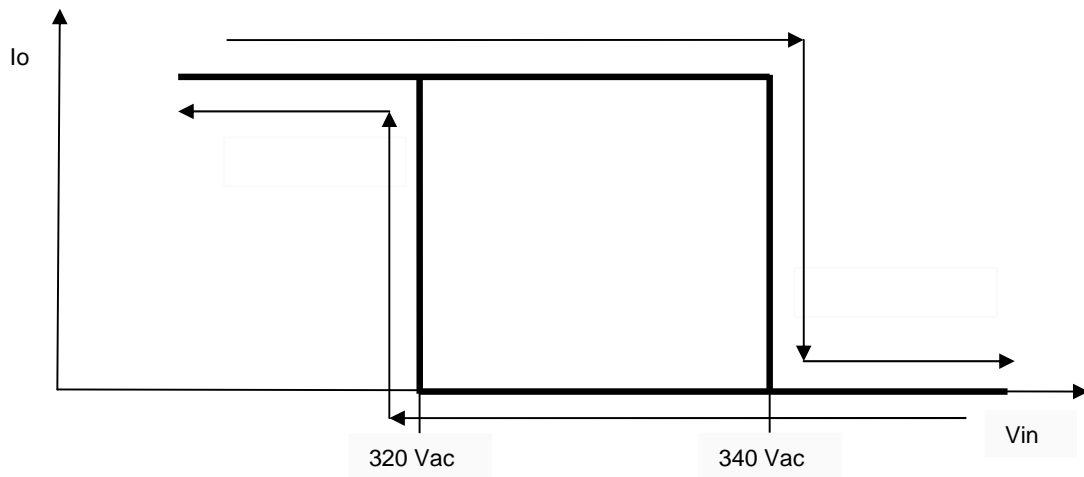
效率 vs. 输出电压

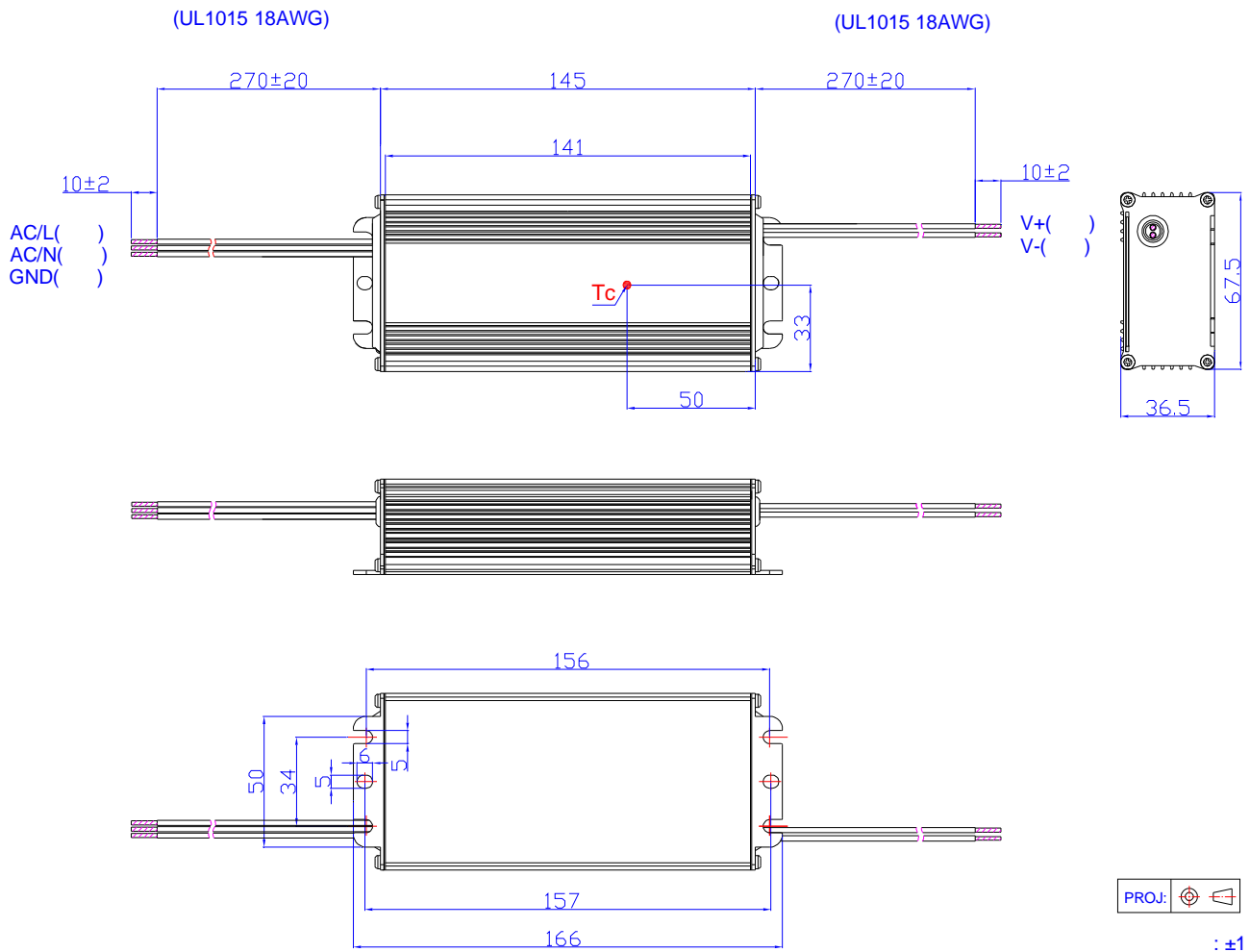




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|------|--|---------|---------|---------|--|
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| | | | | | |
| | | | | | |
| | | | | | |
| 100V | | | | | |
| | | 320 Vac | 340 Vac | 360 Vac | |
| | | 300 Vac | 320 Vac | 340 Vac | |

| | | | | | | |
|--|--|---|---|---------|--------|----|
| | | | | | | |
| | | - | - | 440 Vac | 440Vac | 48 |





RoHs

2011/65/EC

| | | | | |
|------------|---|--|---|---|
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| | | | | |
| 2017-10-13 | A | | / | / |