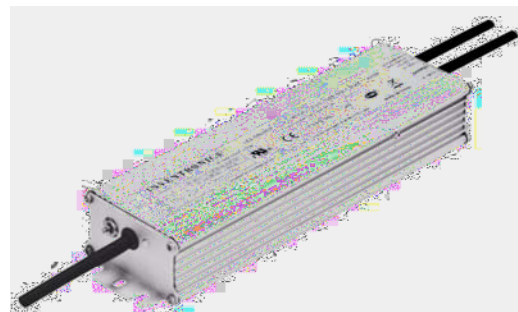


- 93.5%
-
- 0-10V DT
- $\leq 1W$
- 4kV, 6kV
-
- IP67 UL
- SELV
- Class I, Division 2



EUD-200SxxxDT(ST)-00A0

200W

90-305Vac

ST-00A0

DT-00A0 0-10V

					120Vac	220Vac	
700 mA	90 ~ 305 Vac 127~300 Vdc	143~286Vdc	200 W	93.5%	0.99	0.96	EUD-200S070DT(ST)-00A0
1050 mA	90 ~ 305 Vac 127~300 Vdc	95~190Vdc	200 W	93.5%	0.99	0.96	EUD-200S105DT(ST)-00A0
1400 mA	90 ~ 305 Vac 127~300 Vdc	71~142Vdc	200 W	93.0%	0.99	0.96	EUD-200S140DT(ST)-00A0
2100 mA	90 ~ 305 Vac 127~300 Vdc	47~ 95 Vdc	200 W	93.0%	0.99	0.96	EUD-200S210DT(ST)-00A0 ⁽⁴⁾
2450 mA	90 ~ 305 Vac 127~300 Vdc	41~ 82 Vdc	200 W	93.5%	0.99	0.96	EUD-200S245DT(ST)-00A0 ⁽⁴⁾
2800 mA	90 ~ 305 Vac 127~300 Vdc	35~ 71 Vdc	200 W	92.5%	0.99	0.96	EUD-200S280DT(ST)-00A0 ⁽⁴⁾
4200 mA	90 ~ 305 Vac 127~300 Vdc	24~ 48 Vdc	200 W	93.0%	0.99	0.96	EUD-200S420DT(ST)-00A0 ⁽⁴⁾
4900 mA	90 ~ 305 Vac 127~300 Vdc	21~ 41 Vdc	200 W	92.0%	0.99	0.96	EUD-200S490DT(ST)-00A0 ⁽⁴⁾

1 UL, FCC 100-277Vac 127-300Vdc ; 100-240Vac 127-250Vdc

2 220Vac 100%

3 KS EUD-200S070DT(ST)-00A0

4 SELV

AC	90 Vac	-	305 Vac	
DC	127 Vdc	-	300 Vdc	
	47 Hz	-	63 Hz	
	-	-	0.75 MIU	UL8750; 277Vac/ 60Hz,
	-	-	0.7 mA	IEC60598-1; 240Vac/ 60Hz,
	-	-	2.4 A	100% 100Vac
	-	-	1.2 A	100% 220Vac
I ² t	-	-	3.2 A ² s	220Vac 25 10%l _{pk} - 10%l _{pk} =1.7 ms
	0.90	-	-	100-277Vac, 50-60Hz,75%-100%
	-	-	20%	(150-200W)

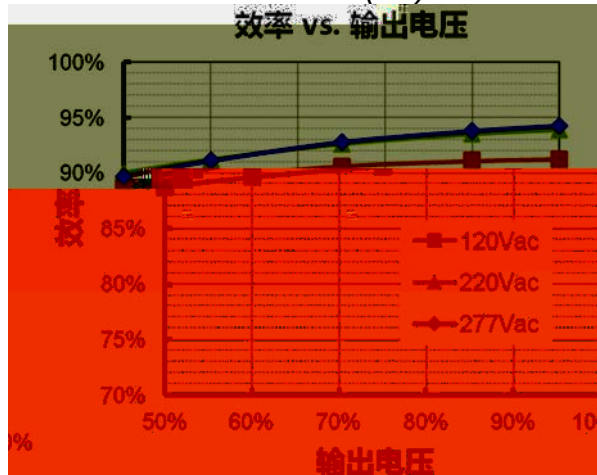
	-5%I _o	-	5%I _o	100%
(pk-pk)	-	5%I _o	10%I _o	100% , 20 MHz BW
< 200Hz (pk-pk)	-	2%I _o	-	100%
	-	-	10%I _o	100%
I _o = 700 mA	-	-	305V	
I _o = 1050 mA	-	-	205V	
I _o = 1400 mA	-	-	155V	
I _o = 2100 mA	-	-	110V	
I _o = 2450 mA	-	-	95V	
I _o = 2800 mA	-	-	80V	
I _o = 4200 mA	-	-	55V	
I _o = 4900 mA	-	-	48V	
	-	-	0.5%	100%
	-	-	1.5%	
	-	0.8 s	1.5 s	120Vac /220Vac
	-	0.03%/°C	-	=0°C ~T _c
12V	10.8 V	12 V	13.2 V	
12V	0 mA	-	200 mA	" Dim - "

@120Vac $I_o = 700 \text{ mA}$ $I_o = 1050 \text{ mA}$ $I_o = 1400 \text{ mA}$ $I_o = 2100 \text{ mA}$ $I_o = 2450 \text{ mA}$ $I_o = 2800 \text{ mA}$ $I_o = 4200 \text{ mA}$ $I_o = 4900 \text{ mA}$	88.0% 88.0% 87.0% 87.0% 88.0% 86.0% 87.5% 87.0%	91.0% 91.0% 90.0% 90.0% 91.0% 89.0% 90.5% 90.0%	- - - - - - -	100% 25° 2%
@220Vac $I_o = 700 \text{ mA}$ $I_o = 1050 \text{ mA}$ $I_o = 1400 \text{ mA}$ $I_o = 2100 \text{ mA}$ $I_o = 2450 \text{ mA}$ $I_o = 2800 \text{ mA}$ $I_o = 4200 \text{ mA}$ $I_o = 4900 \text{ mA}$	91.5% 91.5% 91.0% 91.0% 91.5% 90.5% 91.0% 90.0%	93.5% 93.5% 93.0% 93.0% 93.5% 92.5% 93.0% 92.0%	- - - - - - -	100% 25° 2%
@277Vac $I_o = 700 \text{ mA}$ $I_o = 1050 \text{ mA}$ $I_o = 1400 \text{ mA}$ $I_o = 2100 \text{ mA}$ $I_o = 2450 \text{ mA}$ $I_o = 2800 \text{ mA}$ $I_o = 4200 \text{ mA}$ $I_o = 4900 \text{ mA}$	92.0% 91.5% 91.0% 91.0% 91.5% 91.0% 91.5% 90.5%	94.0% 93.5% 93.0% 93.0% 93.5% 93.0% 93.5% 92.5%	- - - - - - -	100% 25° 2%
	-	-	1 W	230Vac/50Hz
	-	341,000 Hours	-	220Vac, 25 , 80% (MIL-HDBK-217F)
	-	120,000 Hours	-	220Vac 80% 60
	-40°C	-	+87°C	
	-40°C	-	+70°C	: 10%RH to 95%RH
	-40°C	-	+85°C	: 5%RH to 95%RH
(L × W × H) (L × W × H)	8.82 × 2.66 × 1.56 224 × 67.5 × 39.5			9.88 × 2.66 × 1.56 251 × 67.5 × 39.5
	-	1200 g	-	

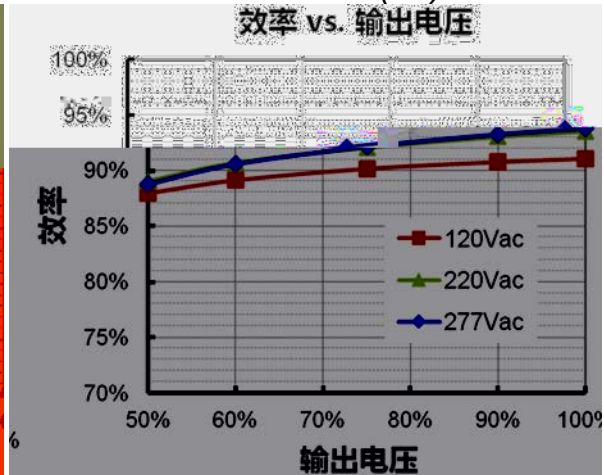
0~10V	-20 V	-	20 V	
0~10V	90 μ A	120 μ A	150 μ A	
	10%I _o	-	100%I _o	
	0 V	-	10 V	
	0.2 V	0.4 V	0.6 V	
	0.4 V	0.6 V	0.8 V	
	-	0.2 V	-	

UL/CUL	UL8750, CAN/CSA-C22.2 No. 250.13
CE ⁽¹⁾	EN 61347-1, EN 61347-2-13
CB	IEC 61347-1, IEC 61347-2-13
KS	KS C 7655
EN 55015 ⁽²⁾	Conducted emission Test & Radiated emission Test
EN 61000-3-2	Harmonic current emissions
EN 61000-3-3	Voltage fluctuations & flicker
FCC Part 15 ⁽²⁾	ANSI C63.4 Class B 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.
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: Differential Mode 4 kV, Common Mode 6 kV ⁽³⁾
EN 61000-4-6	Conducted Radio Frequency Disturbances Test-CS

EUD-200S070DT(ST)-00A0



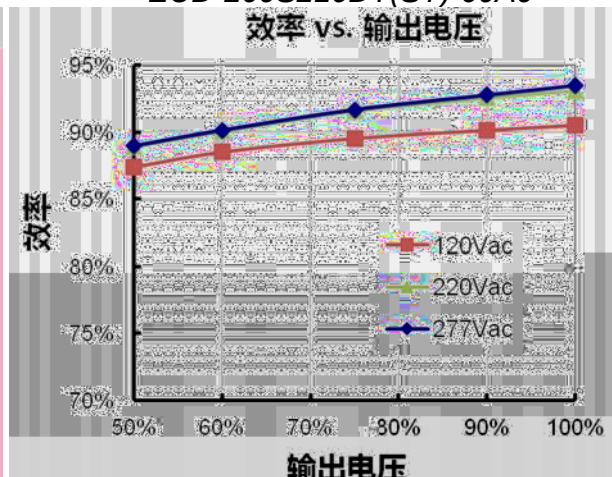
EUD-200S105DT(ST)-00A0



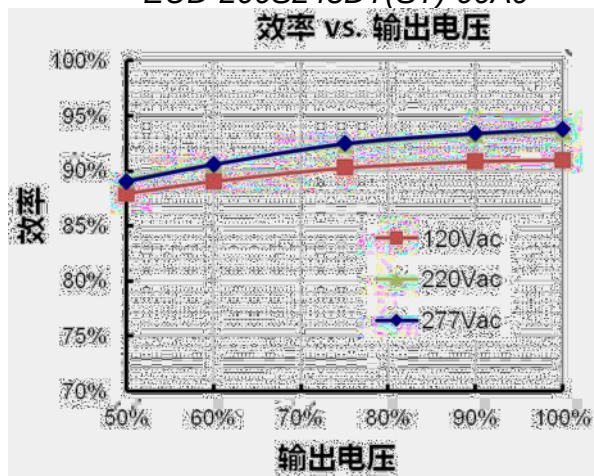
EUD-200S140DT(ST)-00A0



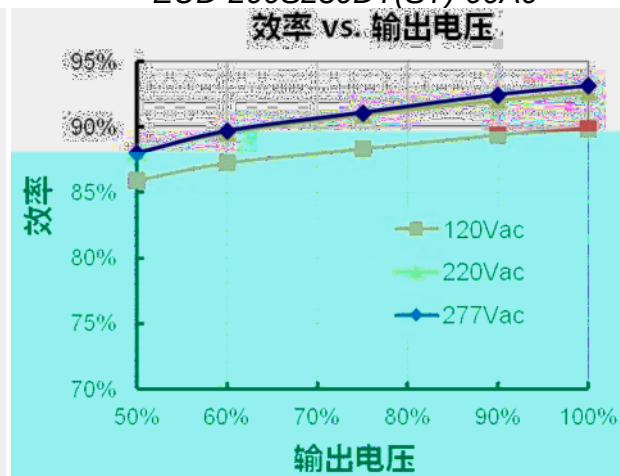
EUD-200S210DT(ST)-00A0



EUD-200S245DT(ST)-00A0

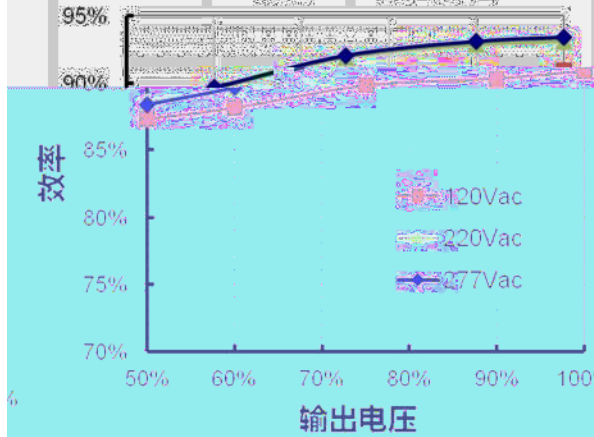


EUD-200S280DT(ST)-00A0



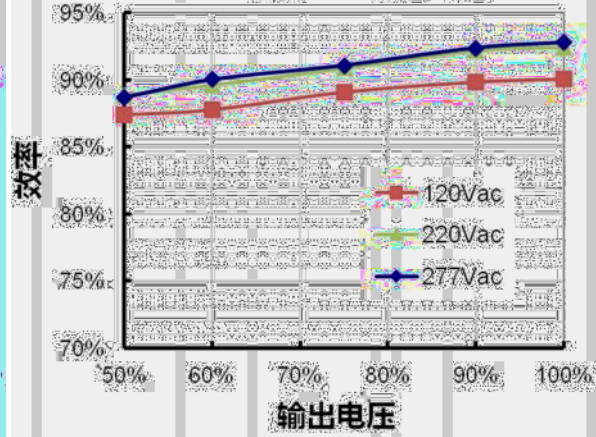
EUD-200S420DT(ST)-00A0

效率 vs. 输出电压

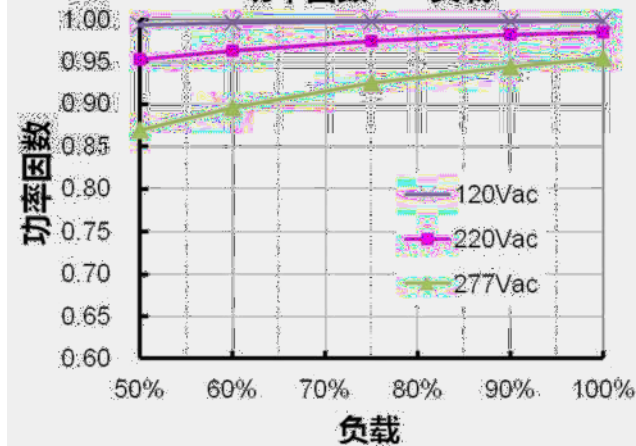


EUD-200S490DT(ST)-00A0

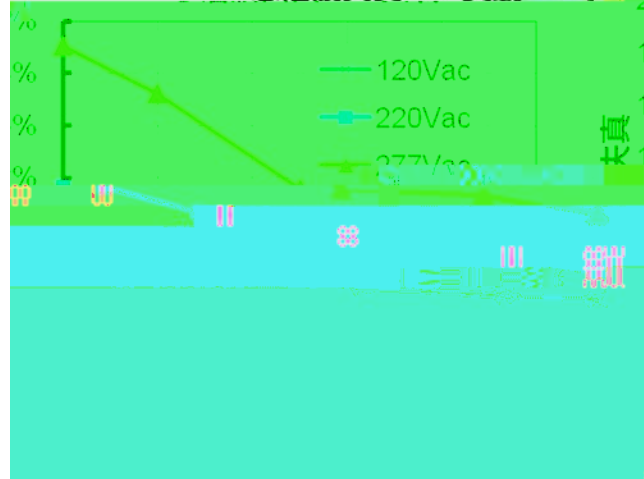
效率 vs. 输出电压

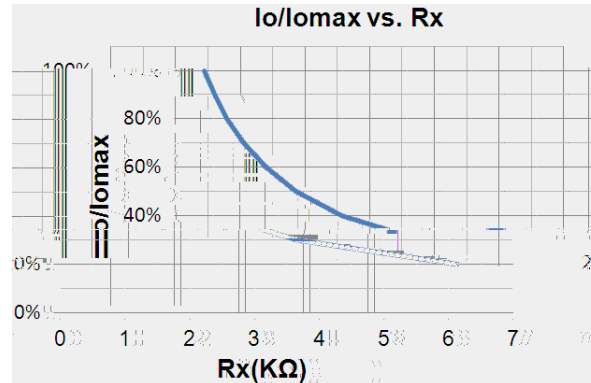
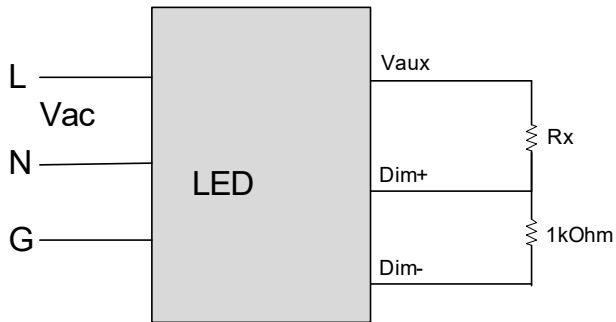


功率因数 vs. 负载



总谐波失真 vs. 负载

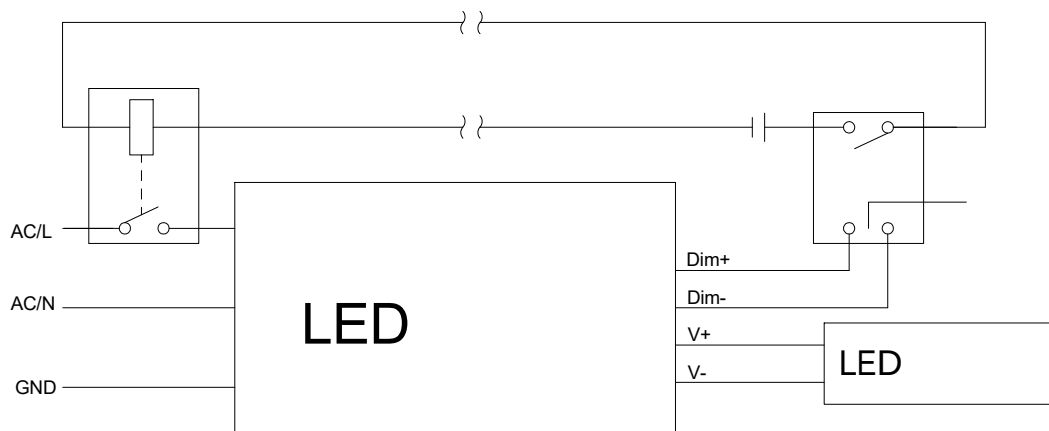




1. Dim- V- V+
2. 0-10V
3. Dim+



LED 0%



2014-10-20	A		/	/
2015-03-12	B		4KV, 6KV	
				Class I, Division 2
		(pk-pk)	(pk-pk)	(pk-pk)
		< 200Hz (pk-pk)	/	
			/	
			/	
			EN 55015 EN 61000-3-2 EN 61000-3-3	
2015-12-03	C	CE KS	/	
			/	
			/	/
			/	
			/	
2016-03-31	D		/	
2016-06-12	E		/	
2017-03-07	F	I ² t	/	
			/	
2019-08-24	G	CB	/	
		/	50-60Hz	
			UL/CUL	
			CB	

2019-08-24	G		KS	
			FCC	
			EN 61000-4-5	
			/	
		RoHS	/	
2021-12-02	H		1	
		0%	/	