

- 95%
- 
- 4KV, 6KV
- 
- IP67 UL
- SELV
- Class I, Division 2
- 5



EBV-500SxxxST

500W

IP67

176-305Vac

					220Vac	277Vac	
24 Vdc	176 ~ 305 Vac	0~20.83 A	500 W	94.0%	0.99	0.96	EBV-500S024ST
28 Vdc	176 ~ 305 Vac	0~17.85 A	500 W	94.0%	0.99	0.96	EBV-500S028ST
36 Vdc	176 ~ 305 Vac	0~13.88 A	500 W	94.5%	0.99	0.96	EBV-500S036ST
42 Vdc	176 ~ 305 Vac	0~11.90 A	500 W	95.0%	0.99	0.96	EBV-500S042ST
48 Vdc	176 ~ 305 Vac	0~10.41 A	500 W	95.0%	0.99	0.96	EBV-500S048ST

- 1 UL, FCC 200-277Vac ; UL, FCC 200-240Vac
- 2 277Vac 100%
- 3 SELV

	176 Vac	-	305 Vac	
	47 Hz	-	63 Hz	
	-	-	0.75 MIU	UL8750; 277Vac/ 60Hz
	-	-	0.70 mA	IEC60598-1; 240Vac/ 60Hz

	-	-	2.75 A	100% 220Vac
I <sup>2</sup> t	-	-	1.6 A <sup>2</sup> s	220Vac 25 10%Ipk- = 3.26 ms
	0.90	-	-	200-277Vac 50-60Hz 75%-100%
	-	-	20%	(375-500W)

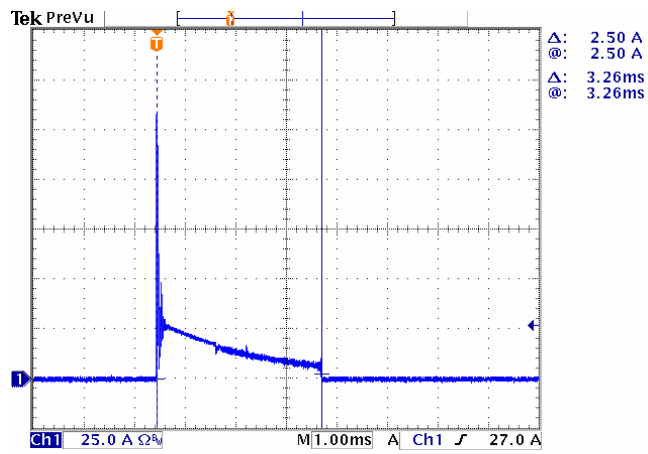
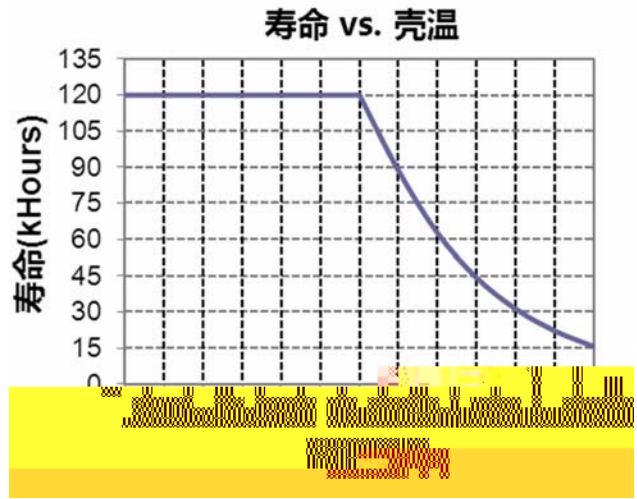
	-5%Vo	-	5%Vo	100%
(pk-pk)	-	-	2%Vo	100% 20 MHz BW
	-	-	5%Vo	100%
	-	-	± 0.5%	100%
	-	-	± 1.0%	
	-	-	2.0 s	220Vac/277Vac
	-	-	0.03%/°C	= 0°C ~ Tc

@220Vac				
V <sub>O</sub> = 24 V	91.5%	93.5%	-	100% 25° 2%
V <sub>O</sub> = 28 V	91.5%	93.5%	-	
V <sub>O</sub> = 36 V	92.0%	94.0%	-	
V <sub>O</sub> = 42 V	92.5%	94.5%	-	
V <sub>O</sub> = 48 V	92.5%	94.5%	-	
@277Vac				
V <sub>O</sub> = 24 V	92.0%	94.0%	-	100% 25° 2%
V <sub>O</sub> = 28 V	92.0%	94.0%	-	
V <sub>O</sub> = 36 V	92.5%	94.5%	-	
V <sub>O</sub> = 42 V	93.0%	95.0%	-	
V <sub>O</sub> = 48 V	93.0%	95.0%	-	
	-	232,000 Hours	-	220Vac, 25, 80% (MIL-HDBK-217F)
	-	117,000 Hours	-	220Vac 80% 60



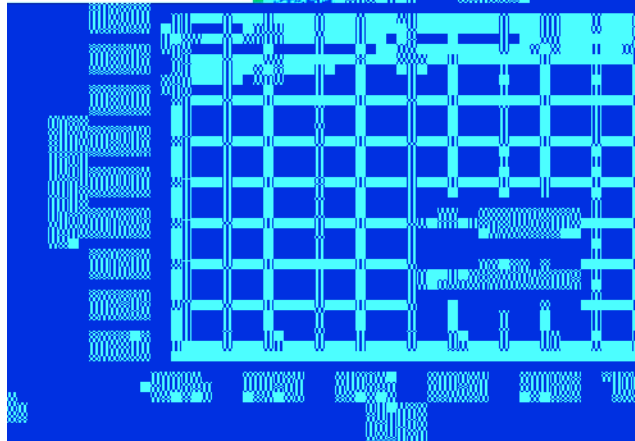
(2)

( IEC 60598-1-10.2)

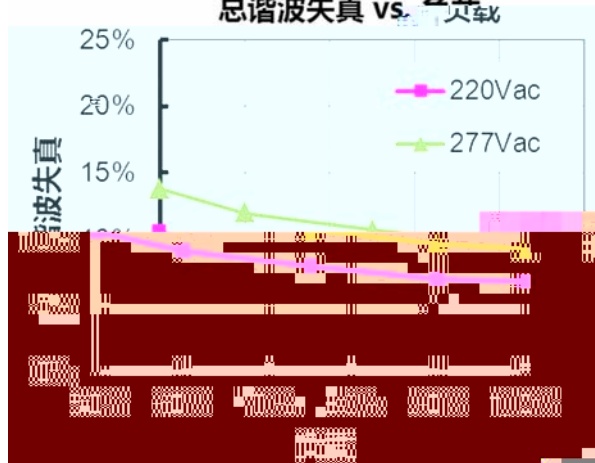




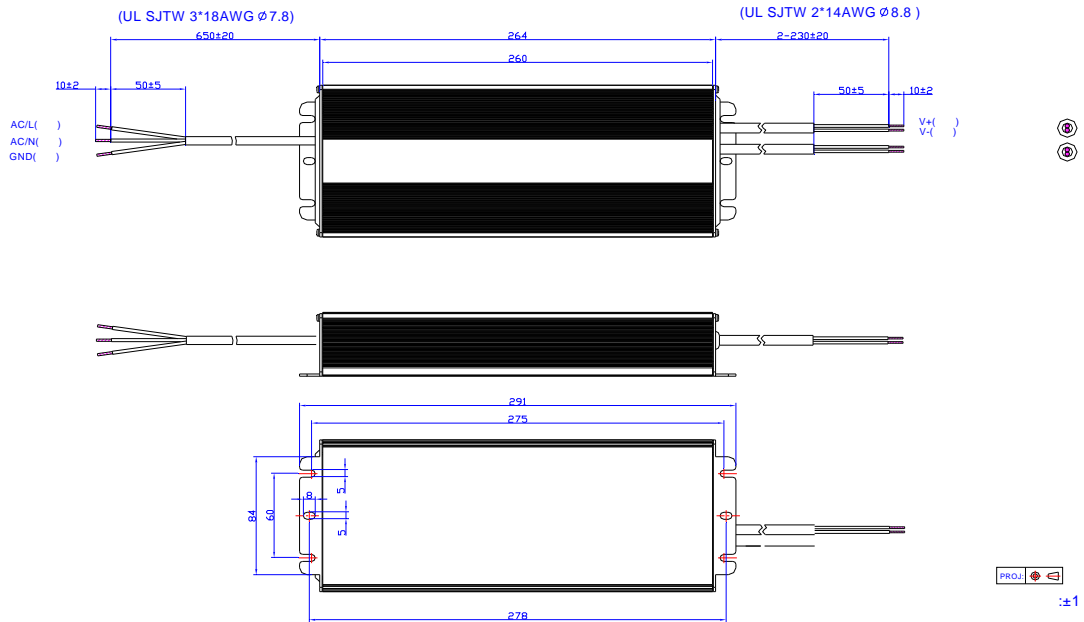
功率因数 vs. 负载



总谐波失真 vs. 负载



	110% I <sub>o</sub>	145% I <sub>o</sub>	180% I <sub>o</sub>	



2014-09-28	A		/	/
2015-5-28	B		/	
			/	
			/	
			/	
			UL/CUL	
2015-11-27	C	CE	/	
			/	/
			/	

/

/

2021-08-13 D