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

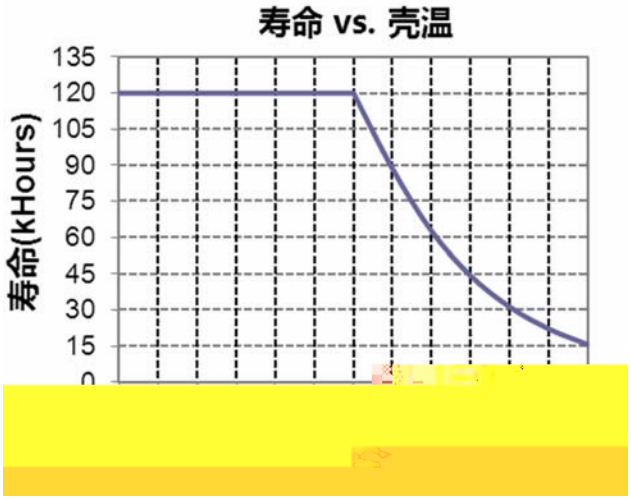
	-5%Vo	-	5%Vo	100%
(pk-pk)	-	-	2%Vo	100% 20 MHz BW
	-	-	5%Vo	100%
	-	-	± 0.5%	100%
	-	-	± 1.0%	
	-	-	2.0 s	220Vac/277Vac
	-	-	0.03%/°C	=0°C ~Tc

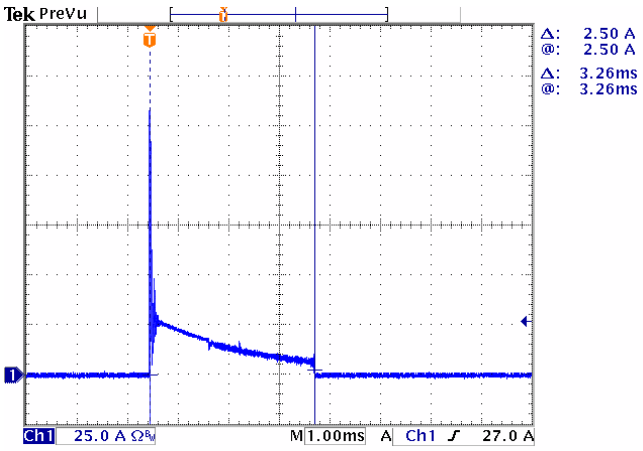
@220Vac V_O = 24 V V_O = 28 V V_O = 36 V V_O = 42 V V_O = 48 V	 91.5% 91.5% 92.0% 92.5% 92.5%	 93.5% 93.5% 94.0% 94.5% 94.5%	 - - - - -	100% 25° 2%
@277Vac V_O = 24 V V_O = 28 V V_O = 36 V V_O = 42 V V_O = 48 V	 92.0% 92.0% 92.5% 93.0% 93.0%	 94.0% 94.0% 94.5% 95.0% 95.0%	 - - - - -	100% 25° 2%
	-	232,000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

www.inventronics-co.com Tel: 86-571-56565800 Fax: 86-571-86601139 sales@inventronics-co.com

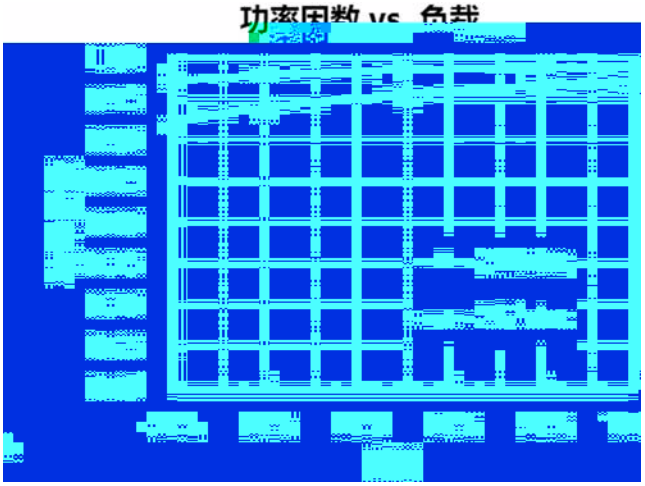
(2) , / ( )

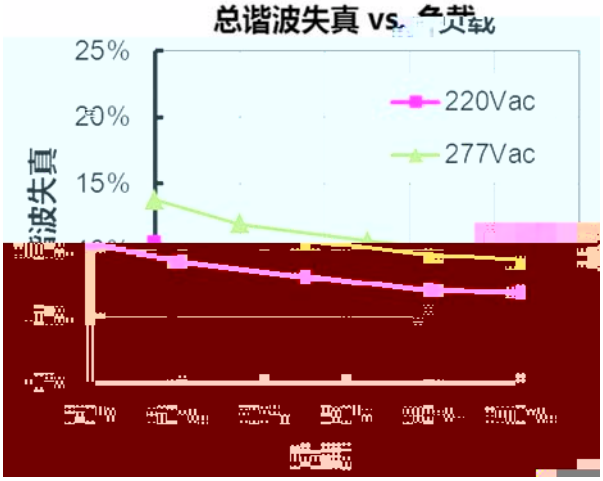
(IEC 60598-1-10.2)



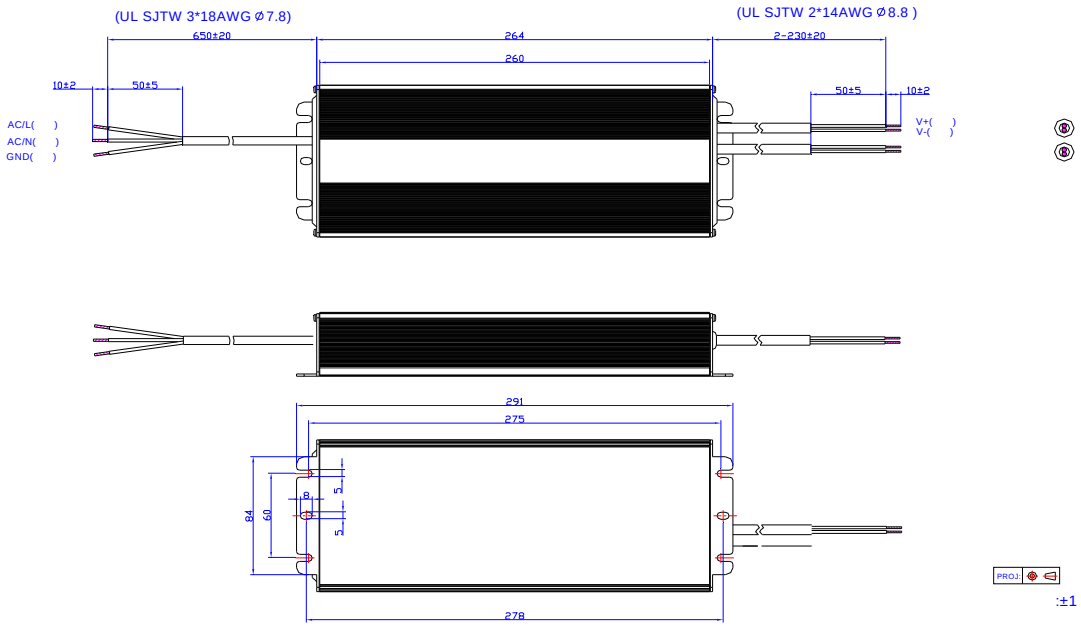


www.inventronics-co.com Tel: 86-571-56565800 Fax: 86-571-86601139 sales@inventronics-co.com





	110% I_O	145% I_O	180%I_O	


(UL SJTW 3*18AWG Ø7.8)
(UL SJTW 2*14AWG Ø8.8)
650±20
264
2-230±20
260
10±2
50±5
50±5
10±2
AC/L( )
AC/N( )
GND( )
V+( )
V-( )
291
275
84
60
8
5
5
278
PROJ.
:±1

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

/ /

2021-08-13 D

www.inventronics-co.com Tel: 86-571-56565800 Fax: 86-571-86601139 sales@inventronics-co.com