

# INVENTRONICS

**EUV-150SxxxST**

Rev. T

- a
- 4kV, 6kV
- 
- IP67 UL
- SELV
- Class I, Division 2
- 5



EUV-150SxxxST

150W

90-305Vac

					110Vac	220Vac	
12 Vdc	90 ~ 305 Vac	0~12.5 A	150 W	92%	0.99	0.96	EUV-150S012ST
24 Vdc	90 ~ 305 Vac	0~6.25 A	150 W	93%	0.99	0.96	EUV-150S024ST
36 Vdc	90 ~ 305 Vac	0~4.17 A	150 W	93%	0.99	0.96	EUV-150S036ST
42 Vdc	90 ~ 305 Vac	0~3.57 A	150 W	93%	0.99	0.96	EUV-150S042ST
48 Vdc	90 ~ 305 Vac	0~3.13 A	150 W	93%	0.99	0.96	EUV-150S048ST
54 Vdc	90 ~ 305 Vac	0~2.78 A	150 W	93%	0.99	0.96	EUV-150S054ST

- 1 UL 100-277Vac; 100-240Vac KS
- 2 220Vac, 100%

	90 Vac	-	305 Vac	
	47 Hz	-	63 Hz	

	-	-	0.75 MIU	UL8750; 277Vac/ 60Hz
	-	-	0.70 mA	IEC60598-1; 240Vac/ 60Hz
	-	-	1.93 A	100Vac 100%
	-	-	0.85 A	220Vac 100%
I <sup>2</sup> t	-	-	1.5 A <sup>2</sup> s	220Vac 25 10%-10% =1.2 mS
	0.90	-	-	100~ 277Vac 50-60Hz 100%
	-	-	20%	

	-2.5%	-	2.5%	EUV-150S042ST, 100%
	-5%	-	5%	, 100%
(pk-pk)	-	-	2% V <sub>o</sub>	: 20MHz 0.1uF 10uF
/	-	-	10%	
	-	-	± 1%	100%
	-	-	± 2%	
	-	0.9 s	1.5 s	110Vac 100%
	-	0.5 s	1.0 s	220Vac 100%
	-	-	5% V <sub>o</sub>	/ : 1 A/uS
	-	-	10 mS	: 25% ~ 75%
	-	0.03%/°C	-	=0°C ~ T <sub>c</sub>

@110Vac				
V <sub>o</sub> = 12 V	88%	89%	-	100% 25°
V <sub>o</sub> = 24 V	89%	90%	-	
V <sub>o</sub> = 36 V	89%	90%	-	1%
V <sub>o</sub> = 42 V	89%	90%	-	
V <sub>o</sub> = 48 V	89%	90%	-	
V <sub>o</sub> = 54 V	89%	90%	-	

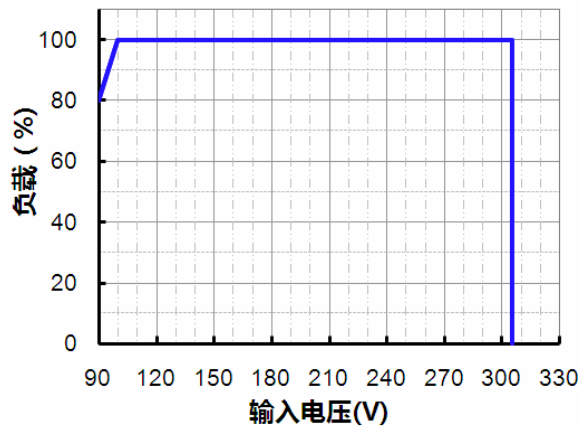
@220Vac V <sub>o</sub> = 12 V V <sub>o</sub> = 24 V V <sub>o</sub> = 36 V V <sub>o</sub> = 42 V V <sub>o</sub> = 48 V V <sub>o</sub> = 54 V	91% 92% 92% 92% 92% 92%	92% 93% 93% 93% 93% 93%	- - - - - -	100%	25°		1%	
	-	-	3 W					
	-	260,900 hours	-	110 Vac	25	80%	(MIL-HDBK-217F)	
	-	77,200 hours	-	220 Vac	80%	60		
	-35 °C	-	+90 °C	@ 90-305 Vac				
	-40 °C	-	+90 °C	@ 198-305 Vac				
	-35 °C	-	+65 °C	@ 90-305 Vac 5			: 10%RH to 95%RH	
	-40 °C	-	+65 °C	@ 198-305 Vac 5			: 10%RH to 95%RH	
	-40 °C	-	+85 °C				: 5%RH to 95%RH	
(L × W × H)	7.83 × 2.66 × 1.56			8.90 × 2.66 × 1.56				
(L × W × H)	199 × 67.5 × 39.5			226 × 67.5 × 39.5				
	-	1100 g	-					

UL/CUL	UL 8750, CAN/CSA-C22.2 No. 250.13
CE	EN 61347-1, EN 61347-2-13
KS	KS C 7655
EN 55015 <sup>(1)</sup>	Conducted emission Test & Radiated emission Test
EN 61000-3-2	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

EMS	
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  
 2 / ( )  
 ( IEC 60598-1-10.2)

降额曲线



# INVENTRONICS

**EUV-150SxxxST**

*Rev. T*

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	110% lo	135% lo	200% lo	

# INVENTRONICS

***EUV-150SxxxST***

***Rev. T***

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2

1.0mm<sup>2</sup>

10A.

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2015-09-11	P		EUV-150S020ST	
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			/	
			/	
			/	
2017/11/14	Q	KS	/	
			5	
		/		
			0.02%/°C	0.03%/°C
			/	
			/	
2019-01-25	R			IP67
			/	
		-	1000g	1100g
2020-01-06	S		4kV, 6kV	4kV, 6kV
			EN 61000-4-5	
			(°C)	
		RoHS	/	



2021-07-16	T		/	