

# INVENTRONICS

LUR-040SxxxST

Rev. A

- 
- 
- 
- 
- 
- 4kV, 6kV
- 116,000 @ T<sub>C</sub>=70°C
- Class I
- IP54 UL
- Class 2 & SELV
- 5



LUR-040SxxxST

40W IP54

90-305Vac

							120Vac	220Vac	
700-1050 mA	700-1050 mA	1050 mA	90~305 Vac 127~250 Vdc	34 ~ 54 Vdc	40 W	87.0%	0.99	0.96	LUR-040S105ST
1000-1500mA	1000-1500 mA	1400 mA	90~305 Vac 127~250 Vdc	24 ~ 40 Vdc	40 W	87.5%	0.99	0.96	LUR-040S150ST

- 1 40W
- 2 UL FCC 100-277Vac ; 100-240Vac
- 3 220Vac 100% " "
- 4 Class 2 & SELV

AC	90 Vac	-	305 Vac	
DC	127 Vdc	-	250 Vdc	
	47 Hz	-	63 Hz	



# INVENTRONICS

LUR-040SxxxST

Rev. A

@120Vac							
LUR-040S105ST	Io=700 mA	83.0%	85.0%	-	100%	25°	
	Io=1050 mA	83.0%	85.0%	-			
LUR-040S150ST	Io=1000 mA	83.0%	85.0%	-			
	Io=1500 mA	82.5%	84.5%	-			
@220Vac							
LUR-040S105ST	Io=700 mA	85.0%	87.0%	-	100%	25°	
	Io=1050 mA	85.0%	87.0%	-			
LUR-040S150ST	Io=1000 mA	85.5%	87.5%	-			
	Io=1500 mA	85.0%	87.0%	-			
@277Vac							
LUR-040S105ST	Io=700 mA	85.5%	87.5%	-	100%	25°	
	Io=1050 mA	85.5%	87.5%	-			
LUR-040S150ST	Io=1000 mA	86.0%	88.0%	-			
	Io=1500 mA	85.5%	87.5%	-			
		-	434,000 Hours	-	220Vac	25	80% (MIL-HDBK-217F)
		-	116,000 Hours	-	120Vac	80%	70
		-40 °C	-	+85 °C			
		-40 °C	-	+75 °C	5		: 10% RH to 90% RH.
		-40 °C	-	+85 °C			: 5% RH to 95% RH
	( × H)	3.54 x 1.81					
	( × H)	90 x 46					
		-	415 g	-			

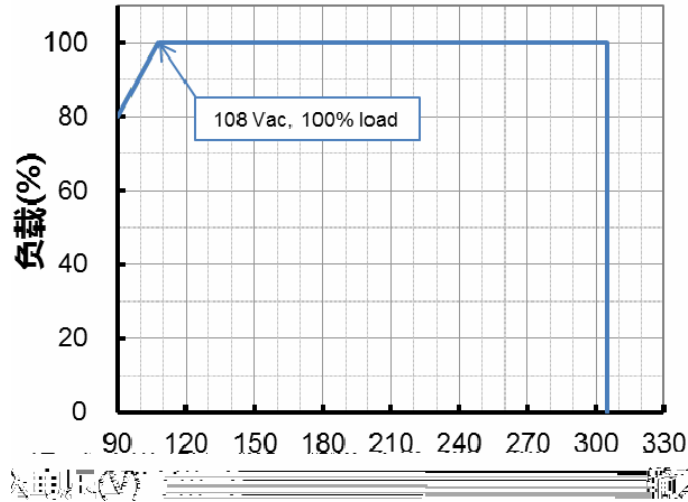
UL/CUL	UL 8750, UL 1310, CAN/CSA-C22.2 No. 250.13, CAN/CSA-C22.2 No. 223-M91
CE	EN 61347-1, EN 61347-2-13
CB	IEC 61347-1, IEC 61347-2-13
CCC	GB 19510.1, GB 19510.14
KS	KS C 7655

EN 55015/GB 17743 <sup>(1)</sup>	Conducted emission Test & Radiated emission Test
EN 61000-3-2/GB 17625.1	Harmonic current emissions
EN 61000-3-3	Voltage fluctuations & flicker
FCC Part 15 <sup>(1)</sup>	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.
<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
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

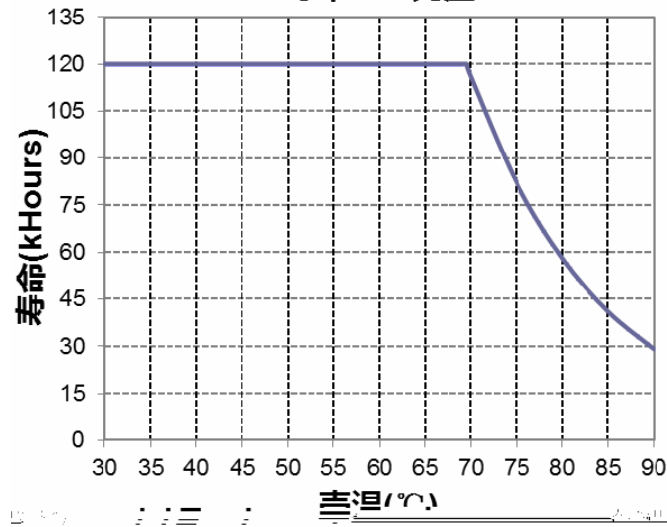
1 EMI

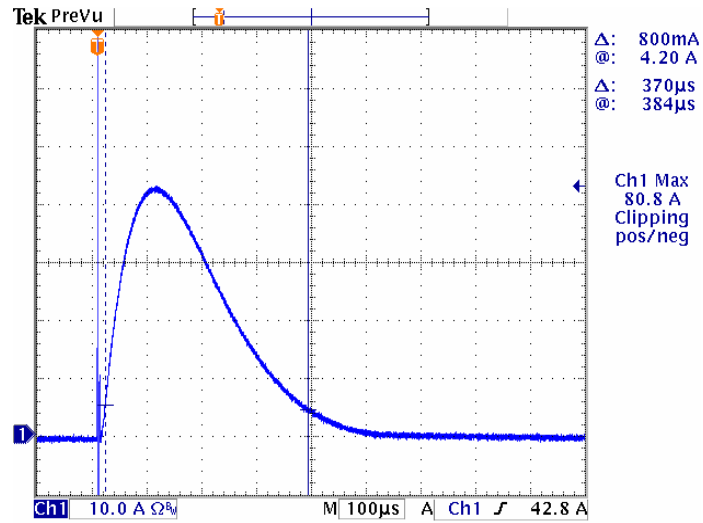
( ) EMI

降额曲线

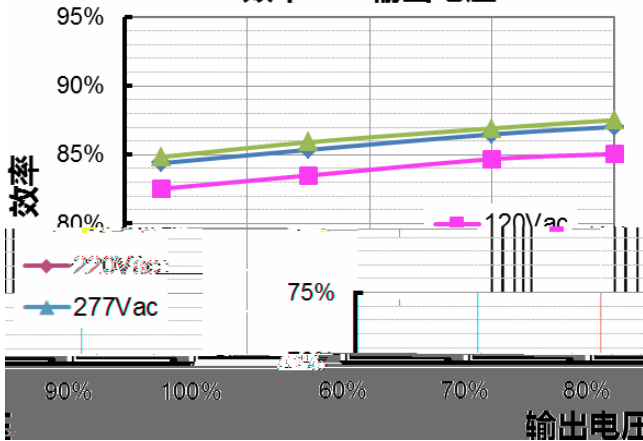


寿命 vs. 壳温

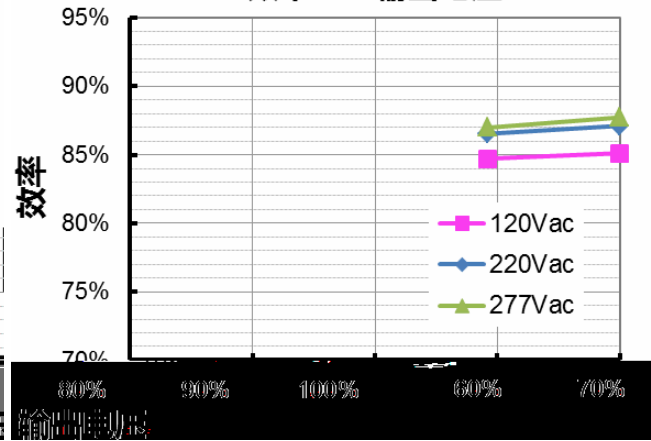




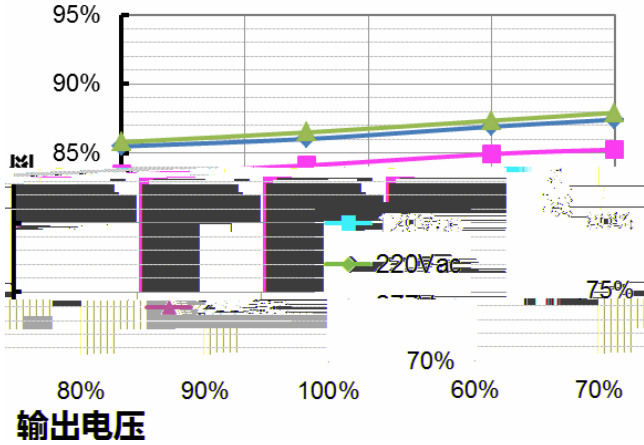
LUR-040S105ST(Io=700mA)  
效率 vs. 输出电压



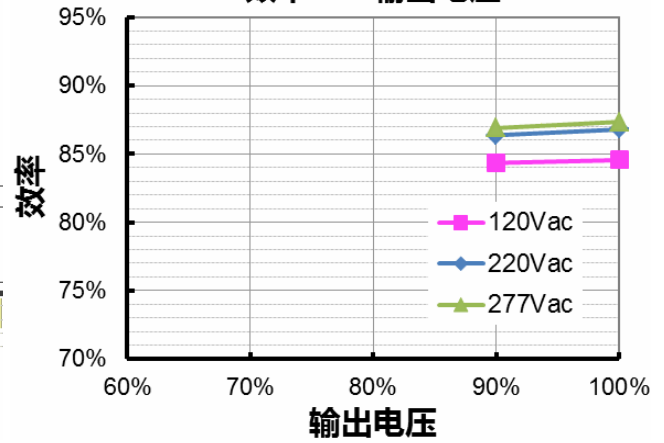
LUR-040S105ST(Io=1050mA)  
效率 vs. 输出电压



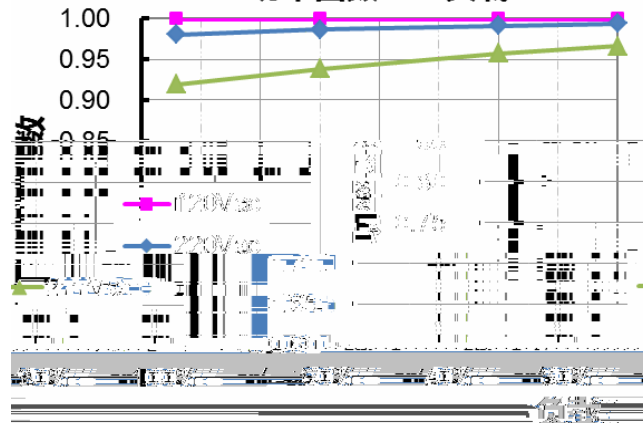
LUR-040S150ST( $I_o=1100mA$ )  
效率 vs. 输出电压



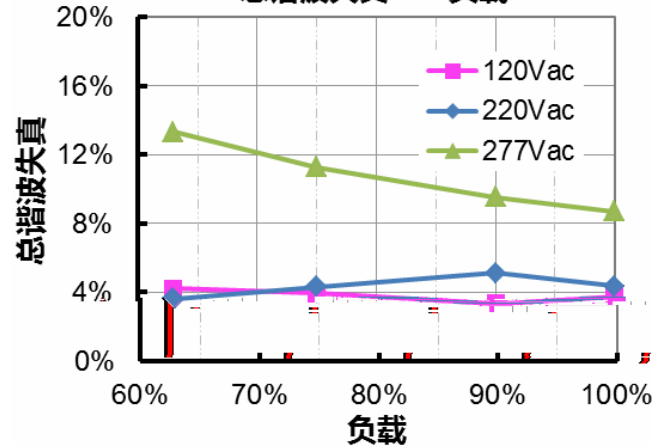
LUR-040S150ST( $I_o=1500mA$ )  
效率 vs. 输出电压



功率因数 vs. 负载



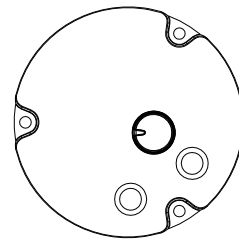
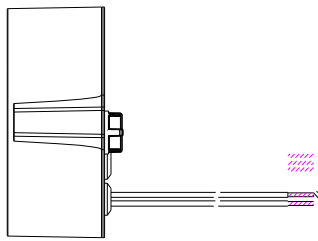
总谐波失真 vs. 负载





# INVENTRONICS

LUR-040SxxxST

Rev. A

PROJ:  

: ±1



# INVENTRONICS

LUR-040SxxxST

Rev. A

---


2020-10-16

A