

# The new USES® XL Technical Specifications



MODEL	XL-3D 400	XL- 3Y 400	XL- 3D-240-250	XL-3Y 240-250
Line Voltage	400 VAC	220/400 VAC	120/ 240-250 VAC	120/ 240-250VAC
Nominal Frequency	50/60 HZ			
Power Dissipation per 10X1000 µsec. JOULES	>3,000	>4,500	>1,400	>2400
Peak Pulse Current	100,000	>200,000	>100,000	>200,000
Max Surge Current per 8x20 µsec.	40,000	40,000	40,000	40,000
Nominal Clamping Voltage	270V/510V	270V/510V	320V	130V/320V
Maximum Clamping Voltage	466V/881V	466V/881V	553V	224V/553V
Response Time	< 15 NANO SECONDS			
Surge Rebound	INHERENT SELF HEALING PROPERTIES			
Standby Power	>25 WATTS	>25 WATTS	>25 WATTS	>25 WATTS
Total Capacitance	>150 UF	>110UF	>240UF	>140UF
Operating Temperature	-40°C TO 70°C			
Unit Temperature Rise	< 3°C after 24 hours under full load conditions			
Audible Noise at 3'	< 2 dBA			
Operating Life	150,000 hours with 95% survival			
Line Connections (THHN single cond.)	#4	#4	#6	#6
Circuit Breaker Required	70A, 3 pole	70A 3 POLE	50A/ 3 POLE	50A/3 POLE
Dimensions (HxWxD)	14"x12"x6"	14"X12"X6"	14"x 12"x 6"	14"X12"X6"
Estimated Weight	25 LBS	24 LBS	20 LBS	
Warranty	3 Years			

<b>RF FILTERS</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
<b>ISO TRANSFORMER</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>STEP UP TRANSFORMER</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>

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