



The new USES® XL Technical

MODEL	XL-3D 480	XL-3Y 480	XL-3D 600	XL-3Y 600
Line Voltage	480 VAC	277/480 VAC	600 VAC	347/600 VAC
Nominal Frequency	50/60 HZ			
Power Dissipation Per 10x1000 µsec.	>3,000	>4,500	>3,300	>6,000
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 VRMS	580V	320V/580V	680V	460V/680V
Maximum Clamping Voltage	1,002V	533V/1,002V	1175V	795V/1175V
Response Time	< 15 NANO SECONDS			
Surge Rebound	INHERENT SELF HEALING PROPERTIES			
Standby Power	>30 WATTS	>30 WATTS	>40 WATTS	>40 WATTS
Total Capacitance	>150uf	>110uf	>150uf	>100uf
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	#2	#2
Circuit Breaker Required	70A, 3 pole	70A, 3 pole	90A, 3 pole	90A, 3 pole
Dimensions (HxWxD)	14"x12"x6"	14"x12"x6"	14"x12"x6"	14"x12"x6"
Estimated Weight	25 LBS	25 LBS	28 LBS	29 LBS
Warranty	3 Years			

RF FILTERS	9	9	9	9
ISO TRANSFORMER	3	3	3	3
STEP UP TRANSFORMER	3	3	3	3