



THE NEW USES XL TECHNICAL SPECIFICATIONS - 60 HZ

MODEL	XL-R 400/420	XL-1 400/420	XL-3D 400/420	XL-3Y 400/420
Line Voltage	220/400 VAC	220/400 VAC	400 VAC	220/400 VAC
Nominal Frequency	50/60 HZ			
Power Dissipation Per 10x1000 µsec.	>1,800	>2,100	>3,000	>4,500
Peak Pulse Current	>100,000	>100,000	>100,000	>200,000
Max Surge Current Per 8x20 µsec.	40,000	40,000	40,000	40,000
Nominal Clamping Voltage VRMS	270V/510V	270V/510	270V/510V	270V/510
Maximum Clamping Voltage	466V/881V	466V/881V	466V/881V	466V/881V
Response Time	< 15 NANO SECONDS			
Surge Rebound	INHERENT SELF HEALING PROPERTIES			
Standby Power	>10 WATTS	>20 WATTS	>25 WATTS	>25 WATTS
Total Capacitance	>120 UF	>160 UF	>500 UF	>320 UF
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.)	#10	#6	#4	#4
Female Tread Connection	1/2"	3/4"	1"	* 1"
Circuit Breaker Required	30A, 2 pole	50A, 2 pole	70A, 3 pole	70A, 3 pole
Dimensions (HxWxD)	12"x 10"x 7"	12"x 10"x 7"	16"x13"x 8"	16"x13"x 8"
Estimated Weight	9 LBS	11 LBS	28 LBS	28 LBS
Estimated Shipping Weight	14 LBS	16 LBS	33 LBS	33 LBS
RF Filter	3	3	9	9
ISO Transformer	1	1	3	3
Step Up Transformer	1	1	3	3
KW Reduction Value	1.5-2.0 kW kWh/hr	2.5-3.0 kW kWh/hr	4.0-5.0 kW kWh/hr	3.0-3.5 kW kWh/hr
Warranty	3 Years			

* if conductor run is over 2' use adaptor to increase conduit to 1-1/4"