



## THE NEW USES XL TECHNICAL SPECIFICATIONS

Model	XL-R	XL-1	XL-3D 208	XL-3Y 208	XL- 3D 240/250	XL- 3Y 240/250	XL-3D 480	XL-3Y 480	XL-3D 600	XL-3Y 600
<b>Line Voltage</b>	120/240 VAC	120/240 VAC	208 VAC	120/208 VAC	240/250 VAC	120/240/250 VAC	480 VAC	277/480 VAC	600 VAC	347/600 VAC
<b>Nominal Frequency</b>	50/60 HZ									
<b>Power Dissipation per 10X1000 µsec.</b>	>1,000	>1,100	>1,400	>2,400	>1,400	>2,400	>3,000	>4,500	>3,300	>6,000
<b>Peak Pulse Current</b>	>100,000	>100,000	>100,000	>200,000	>100,000	>200,000	100,000	200,000	100,000	200,000
<b>Max Surge Current per 8x20 µsec.</b>	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
<b>Nominal Clamping Voltage VRMS</b>	130V/250V	130V/250V	130V/250V	130V/250V	240/250V	120/250V	580V	320V/ 580V	680V	460V/ 680V
<b>Maximum Clamping Voltage</b>	224V/432V	224V/432V	432V	224V/432V	553V	224V/553V	1,000V	533V/ 1,000V	1175V	795V/ 1175V
<b>Response Time</b>	< 15 NANO SECONDS									
<b>Surge Rebound</b>	INHERENT SELF HEALING PROPERTIES									
<b>Standby Power</b>	>8 WATTS	>10 WATTS	>15 WATTS	>15 WATTS	>19 WATTS	> 17 WATTS	>20 WATTS	>20 WATTS	>30 WATTS	>30 WATTS
<b>Total Capacitance</b>	>120 UF	>200 UF	> 450 UF	> 450 UF	> 450 UF	> 450 UF	>300 UF	>320 UF	>280 UF	>280 UF
<b>Operating Temperature</b>	-40°C TO 70°C									
<b>Unit Temperature Rise</b>	< 2°C after 24 hours under full load conditions									
<b>Audible Noise at 3'</b>	< 2dBA									
<b>Operating Life</b>	150,000 hours with over 95% survival									
<b>Line Connections (THHN single cond.)</b>	#10	#10	#6	#6	#6	#6	#4	#4	#2	#2
<b>Female Tread Connection</b>	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	1"	* 1"	1-1/4"	** 1-1/4"
<b>Circuit Breaker Required</b>	30A, 2 POLE	30A, 2 POLE	50A, 3 POLE	50A, 3 POLE	50A, 3 POLE	50A, 3 POLE	70A, 3 pole	70A, 3 pole	90A, 3 pole	90A, 3 pole
<b>Dimensions (HxWxD)</b>	12"x 10"x 7"	12"x10"x 7"	16"x 13"x 8"	16"x 13"x 8"	16"x 13"x 8"	16"x 13"x 8"	16"x 13"x 8"	16"x 13"x 8"	16"x 13"x 8"	16"x 13"x 8"
<b>Estimated Weight</b>	9 LBS	11 LBS	19 LBS	19 LBS	19 LBS	19 LBS	28 LBS	28 LBS	31 LBS	31 LBS
<b>Est. Shipping Weight</b>	14 LBS	16 LBS	24 LBS	24 LBS	24 LBS	24 LBS	33 LBS	33 LBS	36 LBS	36 LBS
<b>RF Filter</b>	3	6	9	9	9	9	9	9	9	9
<b>ISO Transformer</b>	1	2	3	3	3	3	3	3	3	3
<b>Step up Transformer</b>	1	2	3	3	3	3	3	3	3	3
<b>KW Reduction Value</b>	.75-1.0 kW kWh/hr	1.2-1.7 kW kWh/hr	3.0-4.0 kW kWh/hr	1.7-2.5 kW kWh/hr	3.5-4.5 kW kWh/hr	3.0-4.0 kW kWh/hr	4.5-6.0 kW kWh/hr	3.5-4.5 kW kWh/hr	6.0-7.0 kW kWh/hr	4.5-6.0 kW kWh/hr
<b>Warranty</b>	3 Years									

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