



## 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
<b>Line Voltage</b>	120/240 VAC	120/240 VAC	208 VAC	120/208 VAC	240/250 VAC	120/240/250 VAC
<b>Nominal Frequency</b>	50/60 HZ					
<b>Power Dissipation</b> per 10X1000 $\mu$ sec.	>1,000	>1,100	>1,400	>2,400	>1,400	>2,400
<b>Peak Pulse Current</b>	>100,000	>100,000	>100,000	>200,000	>100,000	>200,000
<b>Max Surge Current</b> per 8x20 $\mu$ sec.	40,000	40,000	40,000	40,000	40,000	40,000
<b>Nominal Clamping Voltage</b> VRMS	130V/250V	130V/250V	130V/250V	130V/250V	240/250V	120/250V
<b>Maximum Clamping Voltage</b>	224V/432V	224V/432V	432V	224V/432V	553V	224V/553V
<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
<b>Total Capacitance</b>	>120 UF	>200 UF	> 450 UF	> 450 UF	> 450 UF	> 450 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</b> (THHN single cond.)	#10	#10	#6	#6	#6	#6
<b>Female Tread Connection</b>	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"
<b>Circuit Breaker Required</b>	30A, 2 POLE	30A, 2 POLE	50A, 3 POLE	50A, 3 POLE	50A, 3 POLE	50A, 3 POLE
<b>Dimensions (HxWxD)</b>	12"x 10"x 7"	12"x 10"x 7"	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
<b>Estimated Shipping Wght</b>	14 LBS	16 LBS	24 LBS	24 LBS	24 LBS	24 LBS
<b>RF Filter</b>	3	6	9	9	9	9
<b>ISO Transformer</b>	1	2	3	3	3	3
<b>Step up Transformer</b>	1	2	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
<b>Warranty</b>	3 Years					