



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
Line Voltage	120/240 VAC	120/240 VAC	208 VAC	120/208 VAC	240/250 VAC	120/240/250 VAC
Nominal Frequency	50/60 HZ					
Power Dissipation per 10X1000 μ sec.	>1,000	>1,100	>1,400	>2,400	>1,400	>2,400
Peak Pulse Current	>100,000	>100,000	>100,000	>200,000	>100,000	>200,000
Max Surge Current per 8x20 μ sec.	40,000	40,000	40,000	40,000	40,000	40,000
Nominal Clamping Voltage VRMS	130V/250V	130V/250V	130V/250V	130V/250V	240/250V	120/250V
Maximum Clamping Voltage	224V/432V	224V/432V	432V	224V/432V	553V	224V/553V
Response Time	< 15 NANO SECONDS					
Surge Rebound	INHERENT SELF HEALING PROPERTIES					
Standby Power	>8 WATTS	>10 WATTS	>15 WATTS	>15 WATTS	>19 WATTS	> 17 WATTS
Total Capacitance	>120 UF	>200 UF	> 450 UF	> 450 UF	> 450 UF	> 450 UF
Operating Temperature	-40°C TO 70°C					
Unit Temperature Rise	< 2°C after 24 hours under full load conditions					
Audible Noise at 3'	< 2dBA					
Operating Life	150,000 hours with over 95% survival					
Line Connections (THHN single cond.)	#10	#10	#6	#6	#6	#6
Female Tread Connection	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"
Circuit Breaker Required	30A, 2 POLE	30A, 2 POLE	50A, 3 POLE	50A, 3 POLE	50A, 3 POLE	50A, 3 POLE
Dimensions (HxWxD)	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"
Estimated Weight	9 LBS	11 LBS	19 LBS	19 LBS	19 LBS	19 LBS
Estimated Shipping Wght	14 LBS	16 LBS	24 LBS	24 LBS	24 LBS	24 LBS
RF Filter	3	6	9	9	9	9
ISO Transformer	1	2	3	3	3	3
Step up Transformer	1	2	3	3	3	3
KW Reduction Value	.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
Warranty	3 Years					