



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
Line Voltage	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
Nominal Frequency	50/60 HZ									
Power Dissipation per 10X1000 µsec.	>1,000	>1,100	>1,400	>2,400	>1,400	>2,400	>3,000	>4,500	>3,300	>6,000
Peak Pulse Current	>100,000	>100,000	>100,000	>200,000	>100,000	>200,000	100,000	200,000	100,000	200,000
Max Surge Current per 8x20 µsec.	40,000	40,000	40,000	40,000	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	580V	320V/ 580V	680V	460V/ 680V
Maximum Clamping Voltage	224V/432V	224V/432V	432V	224V/432V	553V	224V/553V	1,000V	533V/ 1,000V	1175V	795V/ 1175V
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	>20 WATTS	>20 WATTS	>30 WATTS	>30 WATTS
Total Capacitance	>120 UF	>200 UF	> 450 UF	> 450 UF	> 450 UF	> 450 UF	>300 UF	>320 UF	>280 UF	>280 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	#4	#4	#2	#2
Female Tread Connection	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	1"	* 1"	1-1/4"	** 1-1/4"
Circuit Breaker Required	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
Dimensions (HxWxD)	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"
Estimated Weight	9 LBS	11 LBS	19 LBS	19 LBS	19 LBS	19 LBS	28 LBS	28 LBS	31 LBS	31 LBS
Est. Shipping Weight	14 LBS	16 LBS	24 LBS	24 LBS	24 LBS	24 LBS	33 LBS	33 LBS	36 LBS	36 LBS
RF Filter	3	6	9	9	9	9	9	9	9	9
ISO Transformer	1	2	3	3	3	3	3	3	3	3
Step up Transformer	1	2	3	3	3	3	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	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
Warranty	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"