



Performance Specifications

Components relating to Harmonic filtering and Power Factor correction are proprietary and confidential.

MODEL	SP240 120 / 240 VAC Single Phase	240 DELTA 120/240 VAC Three Phase Delta	208 WYE 120/208 VAC Three Phase Wye	480 WYE 277/480 VAC Three Phase Wye	RUTL 120 / 240 VAC Single Phase
Wiring	3 wire plus ground	4 wire plus ground	4 wire plus ground	4 wire plus ground	3 wire plus ground
Maximum Surge Current (Peak Current)	100 kA per phase (100,000amps)	100 kA per phase (100,000amps)	100 kA per phase (100,000amps)	100 kA per phase (100,000amps)	70 kA per phase (70,000 amps)
Response Time	85 picoseconds	85 picoseconds	85 picoseconds	85 picoseconds	85 picoseconds
Clamp Voltage (Vpeak)	Cat. C1/B3 ANSI/EEE C62.41-1991 (6kV-1.2/5.0 us,3kA-8/20 us)	Cat. C1/B3 ANSI/EEE C62.41-1991 (6kV-1.2/5.0 us,3kA-8/20 us)	Cat. C1/B3 ANSI/EEE C62.41-1991 (6kV-1.2/5.0 us,3kA-8/20 us)	Cat. C1/B3 ANSI/EEE C62.41-1991 (6kV-1.2/5.0 us,3kA-8/20 us)	Cat. C1/B3 ANSI/EEE C62.41-1991 (6kV-1.2/5.0 us,3kA-8/20 us)
Line to Neutral	330 Volts	600 Volts (A & C)	330 Volts	800 Volts	330 Volts
Line (B-Hi-Leg) to Neutral		700 Volts (B)			
(RMS) Clamping Voltage					
Line to Neutral	130 Volts	130 Volts (A & C)	130 Volts	320 Volts	130 Volts
Line (B-Hi-Leg) to Neutral		230 Volts (B)			
Rated Voltage (RMS)					
Line to Neutral	120 Volts	120 Volts (A & C)	120 Volts	277 Volts	120 Volts
Line (B-Hi-Leg) to Neutral		240 Volts (B)			
Line to Line	240 Volts	240 Volts (A & C)	208 Volts	480 Volts	240 Volts
Line (B-Hi-Leg) to line		360 Volts (B)			
Total Capacitance (F: 1Mhz)	19,000 per leg 38,000 total	19,000 per leg 11,000 hi-leg 49,000 total	19,000 per leg 57,000 total	7500 per leg 22,500 total	13,300 per leg 26,600 total
Relative Humidity Range	100%	100%	100%	100%	100%
Operating Frequency	50-60 Hrtz	50-60 Hrtz	50-60 Hrtz	50-60 Hrtz	50-60 Hrtz
Operating Temp. Range (Celsius)	-55 to +85	-55 to +85	-55 to +85	-55 to +85	-55 to +85
Joules Rating	1000 per leg 2000 total	1000 per leg 1600 hi-leg 3600 total	1000 per leg 3000 total	2730 per leg 8190 total	700 per leg 1400 total

Each unit is MET certified and complies with UL 1449: CSA C22.2 No. 8: E13156

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