

System Current Ratings – Single Phase Outdoor

All circuit breakers provided by end user, that are connected to the inputs and outputs need to have a trip curve which is at least 10 times the rated current for .3 seconds, this is to prevent the breakers from tripping during startup of the unit or the loads, attached to the units. Some manufacturers refer to these breakers as “High Inrush” breakers.

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps	KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
0.35	120	5	120	2.9	0.7	120	10.2	120	5.8
			277	1.3				277	2.5
			120/240	2.9/1.5				120/240	5.8/2.9
			120/277	2.9/1.3				120/277	5.8/2.5
	208	3	120	2.9		120	5.8		
			277	1.3		277	2.5		
			120/240	2.9/1.5		120/240	5.8/2.9		
			120/277	2.9/1.3		120/277	5.8/2.5		
	240	2.6	120	2.9		120	5.8		
			277	1.3		277	2.5		
			120/240	2.9/1.5		120/240	5.8/2.9		
			120/277	2.9/1.3		120/277	5.8/2.5		
	277	2.2	120	2.9		120	5.8		
			277	1.3		277	2.5		
			120/240	2.9/1.5		120/240	5.8/2.9		
			120/277	2.9/1.3		120/277	5.8/2.5		
0.525	120		120	4.4	0.875	120		120	7.3
			277	1.9				277	3.2
			120/240	4.4/2.2				120/240	7.3/3.6
			120/277	4.4/1.9				120/277	7.3/3.2
	208		120	4.4		120	7.3		
			277	1.9		277	3.2		
			120/240	4.4/2.2		120/240	7.3/3.6		
			120/277	4.4/1.9		120/277	7.3/3.2		
	240		120	4.4		120	7.3		
			277	1.9		277	3.2		
			120/240	4.4/2.2		120/240	7.3/3.6		
			120/277	4.4/1.9		120/277	7.3/3.2		
	277		120	4.4		120	7.3		
			277	1.9		277	3.2		
			120/240	4.4/2.2		120/240	7.3/3.6		
			120/277	4.4/1.9		120/277	7.3/3.2		

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
1.05	120	15.3	120	8.8
			277	3.8
			120/240	8.8/4.4
			120/277	8.8/3.8
	208	8.8	120	8.8
			277	3.8
			120/240	8.8/4.4
			120/277	8.8/3.8
	240	7.7	120	8.8
			277	3.8
			120/240	8.8/4.4
			120/277	8.8/3.8
	277	6.6	120	8.8
			277	3.8
			120/240	8.8/4.4
			120/277	8.8/3.8
1.4	120	20.4	120	11.7
			277	5.1
			120/240	11.7/5.8
			120/277	11.7/5.1
	208	11.8	120	11.7
			277	5.1
			120/240	11.7/5.8
			120/277	11.7/5.1
	240	10.2	120	11.7
			277	5.1
			120/240	11.7/5.8
			120/277	11.7/5.1
	277	8.8	120	11.7
			277	5.1
			120/240	11.7/5.8
			120/277	11.7/5.1

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
2.0	120	29.2	120	16.7
			277	7.2
			120/240	16.7/8.3
			120/277	16.7/7.2
	208	16.8	120	16.7
			277	7.2
			120/240	16.7/8.3
			120/277	16.7/7.2
	240	14.6	120	16.7
			277	7.2
			120/240	16.7/8.3
			120/277	16.7/7.2
	277	12.6	120	16.7
			277	7.2
			120/240	16.7/8.3
			120/277	16.7/7.2
2.4	120	35	120	20
			277	8.7
			120/240	20/10
			120/277	20/8.7
	208	20.2	120	20
			277	8.7
			120/240	20/10
			120/277	20/8.7
	240	17.5	120	20
			277	8.7
			120/240	20/10
			120/277	20/8.7
	277	15.2	120	20
			277	8.7
			120/240	20/10
			120/277	20/8.7

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
2.6	120	38	120	21.7
			277	9.4
			120/240	21.7/10.8
			120/277	21.7/9.4
	208	22	120	21.7
			277	9.4
			120/240	21.7/10.8
			120/277	21.7/9.4
	240	19	120	21.7
			277	9.4
			120/240	21.7/10.8
			120/277	21.7/9.4
	277	16.5	120	21.7
			277	9.4
			120/240	21.7/10.8
			120/277	21.7/9.4
3.0	120	43.8	120	25
			277	10.8
			120/240	25/12.5
			120/277	25/10.8
	208	25.3	120	25
			277	10.8
			120/240	25/12.5
			120/277	25/10.8
	240	22	120	25
			277	10.8
			120/240	25/12.5
			120/277	25/10.8
	277	19	120	25
			277	10.8
			120/240	25/12.5
			120/277	25/10.8

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
3.4	120	49.6	120	28.4
			277	12.3
			120/240	28.4/14.2
			120/277	28.4/12.3
	208	28.6	120	28.4
			277	12.3
			120/240	28.4/14.2
			120/277	28.4/12.3
	240	24.8	120	28.4
			277	12.3
			120/240	28.4/14.2
			120/277	28.4/12.3
	277	21.5	120	28.4
			277	12.3
			120/240	28.4/14.2
			120/277	28.4/12.3
3.8	120	120	120	31.7
			277	13.7
			120/240	31.7/15.9
			120/277	31.7/13.7
	208	32	120	31.7
			277	13.7
			120/240	31.7/15.9
			120/277	31.7/13.7
	240	27.7	120	31.7
			277	13.7
			120/240	31.7/15.9
			120/277	31.7/13.7
	277	24	120	31.7
			277	13.7
			120/240	31.7/15.9
			120/277	31.7/13.7

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps	KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
4.2	120	61.3	120	35	5.25	120	76.6	120	43.8
			277	15.2				277	19
			120/240	35/17.5				120/240	43.8/21.9
			120/277	35/15.2				120/277	43.8/19
	208	35.4	120	35		120	43.8		
			277	15.2		277	19		
			120/240	35/17.5		120/240	43.8/21.9		
			120/277	35/15.2		120/277	43.8/19		
	240	30.7	120	35		120	43.8		
			277	15.2		277	19		
			120/240	35/17.5		120/240	43.8/21.9		
			120/277	35/15.2		120/277	43.8/19		
	277	26.6	120	35		120	43.8		
			277	15.2		277	19		
			120/240	35/17.5		120/240	43.8/21.9		
			120/277	35/15.2		120/277	43.8/19		
4.7	120	68.6	120	39.2	7.0	120	116.7	120	58.4
			277	17				277	25.3
			120/240	39.2/19.6				120/240	58.4/29.2
			120/277	39.2/17				120/277	58.4/25.3
	208	39.6	120	39.2		120	58.4		
			277	17		277	25.3		
			120/240	39.2/19.6		120/240	58.4/29.2		
			120/277	39.2/17		120/277	58.4/25.3		
	240	34.3	120	39.2		120	58.4		
			277	17		277	25.3		
			120/240	39.2/19.6		120/240	58.4/29.2		
			120/277	39.2/17		120/277	58.4/25.3		
	277	29.7	120	39.2		120	58.4		
			277	17		277	25.3		
			120/240	39.2/19.6		120/240	58.4/29.2		
			120/277	39.2/17		120/277	58.4/25.3		

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps	KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
8.0	120	116.7	120	66.7	12.0	120	175	120	100
			277	29				277	43.4
			120/240	66.7/33.4				120/240	100/50
			120/277	66.7/29				120/277	100/43.4
	208	67.3	120	66.7		120	100		
			277	29		277	43.4		
			120/240	66.7/33.4		120/240	100/50		
			120/277	66.7/29		120/277	100/43.4		
	240	58.4	120	66.7		120	100		
			277	29		277	43.4		
			120/240	66.7/33.4		120/240	100/50		
			120/277	66.7/29		120/277	100/43.4		
	277	50.6	120	66.7		120	100		
			277	29		277	43.4		
			120/240	66.7/33.4		120/240	100/50		
			120/277	66.7/29		120/277	100/43.4		
10.0	120	146	120	83.4	14.0	120	204.2	120	116.7
			277	36				277	50.6
			120/240	83.4/41.7				120/240	116.7/58.4
			120/277	83.4/36				120/277	116.7/50.6
	208	84.2	120	83.4		120	116.7		
			277	36		277	50.6		
			120/240	83.4/41.7		120/240	116.7/58.4		
			120/277	83.4/36		120/277	116.7/50.6		
	240	73	120	83.4		120	116.7		
			277	36		277	50.6		
			120/240	83.4/41.7		120/240	116.7/58.4		
			120/277	83.4/36		120/277	116.7/50.6		
	277	63.2	120	83.4		120	116.7		
			277	36		277	50.6		
			120/240	83.4/41.7		120/240	116.7/58.4		
			120/277	83.4/36		120/277	116.7/50.6		

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
18.0	120	262.5	120	150
			277	65
			120/240	150/75
			120/277	150/65
	208	151.5	120	150
			277	65
			120/240	150/75
			120/277	150/65
	240	131.3	120	150
			277	65
			120/240	150/75
			120/277	150/65
	277	113.8	120	150
			277	65
			120/240	150/75
			120/277	150/65