

System Current Ratings – Single Phase

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
4.7	120	68.6	120	39.2	7.0	120	102	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		
5.25	120	76.6	120	43.8	8.0	120	116.7	120	66.7
			277	19				277	29
			120/240	43.8/21.9				120/240	66.7/33.4
			120/277	43.8/19				120/277	66.7/29
	208	44.2	120	43.8		120	66.7		
			277	19		277	29		
			120/240	43.8/21.9		120/240	66.7/33.4		
			120/277	43.8/19		120/277	66.7/29		
	240	38.3	120	43.8		120	66.7		
			277	19		277	29		
			120/240	43.8/21.9		120/240	66.7/33.4		
			120/277	43.8/19		120/277	66.7/29		
	277	33.2	120	43.8		120	66.7		
			277	19		277	29		
			120/240	43.8/21.9		120/240	66.7/33.4		
			120/277	43.8/19		120/277	66.7/29		

KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps	KW	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
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		208	118	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		240	102	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		277	88.5	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
12.0	120	175	120	100	18.0	120	262.5	120	150
			277	43.4				277	65
			120/240	100/50				120/240	150/75
			120/277	100/43.4				120/277	150/65
	208	101	120	100		208	151.5	120	150
			277	43.4				277	65
			120/240	100/50				120/240	150/75
			120/277	100/43.4				120/277	150/65
	240	87.5	120	100		240	131.3	120	150
			277	43.4				277	65
			120/240	100/50				120/240	150/75
			120/277	100/43.4				120/277	150/65
	277	76	120	100		277	113.8	120	150
			277	43.4				277	65
			120/240	100/50				120/240	150/75
			120/277	100/43.4				120/277	150/65