Selecting a generator when using EasyStart

The sizing guide below will help you determine the proper generator for your needs

EasyStart Soft Starter For Home Applications (220 - 240 volt single phase systems)

Home A/C Size		EasyStart Model	Amps		Indoor & Outdoor Fan Amps*	Running Watts	Minimum Generator Size (Rated Watts)**	
Tons	BTU's	EasyStart Flex	Running	Starting			Without EasyStart	With EasyStart
1-1/2	18000	ASY-398-X1S-BL	9	48	2.5	2760	7400	3100
2	24000	ASY-398-X1S-BL	12	55	2.5	3480	8500	3600
2-1/2	30000	ASY-398-X1S-BL	14	65	3	4080	10000	4200
3	36000	ASY-398-X1S-BL	16	80	3	4560	12300	5200
3-1/2	42000	ASY-398-X1S-BL	18	95	3.5	5160	14700	6100
4	48000	ASY-398-X1S-BL	22	110	4	6240	17000	7100
5	60000	ASY-398-X1S-BL	26	130	5	7440	20100	8400
6	72000	ASY-398-X1S-BL	32	150	5.5	9000	23100	9700

EasyStart Soft Starter For RV and Marine Applications (120 volt single phase systems)

RV or Marine A/C Size (BTU's)	EasyStart Model	Amps		System Running Watts	Minimum Generator Size (Rated Watts)**	
	EasyStart Breeze	Running	Starting		Without EasyStart	With EasyStart
7000	ASY-399-X20 or ASY-364-X36-BLUE	8	35	960	2200	1200
10000	ASY-399-X20 or ASY-364-X36-BLUE	11	45	1320	2800	1500
13500	ASY-399-X20 or ASY-364-X36-BLUE	15.2	55	1800	3500	2000
15000	ASY-399-X20 or ASY-364-X36-BLUE	16.2	65	1944	4000	2200

* Amps will vary by manufacturer and model family. These are only average estimates.
** Generator size is rated running watts, assuming starting watts are about 1.4 times more. The minimum generator size also assumes there are no other significant household loads running when the compressor tries to start.

Note: Elevation decreases a generators output by 3.5% per 1000 feet.