



SINGLE PHASE INVERTERS

INVERTER POWER	INPUT VOLTAGE	INPUT CURRENT	MINIMUM BREAKER REQUIRED	SUGGESTED FEED BREAKER	MAX BTU/HR AT FULL LOAD
1000 VA	120 VAC	10.4 A	13.0 A	20 A	68 BTU/hr
	277 VAC	4.5 A	5.6 A	20 A	
1600 VA	120 VAC	16.7 A	20.8 A	30 A	109 BTU/hr
	277 VAC	7.2 A	9.0 A	20 A	
2200 VA	120 VAC	22.9 A	28.6 A	30 A	150 BTU/hr
	277 VAC	9.9 A	12.4 A	20 A	
2800 VA	120 VAC	29.2 A	36.5 A	40 A	190 BTU/hr
	277 VAC	16.6 A	15.8 A	20 A	
3000 VA	120 VAC	31.3 A	39.1 A	40 A	209 BTU/hr
	277 VAC	13.5 A	16.9 A	20 A	
4000 VA	120 VAC	41.7 A	52.1 A	60 A	286 BTU/hr
	277 VAC	18.1 A	22.6 A	30 A	
5000 VA	120 VAC	52.1 A	65.1 A	70 A	355 BTU/hr
	277 VAC	22.6 A	28.2 A	30 A	
6000 VA	120 VAC	62.5 A	78.1 A	80 A	426 BTU/hr
	277 VAC	27.1 A	33.8 A	40 A	
8000 VA	120 VAC	83.3 A	104.2 A	110 A	563 BTU/hr
	277 VAC	36.1 A	45.0 A	50 A	
10000 VA	120 VAC	NA	NA	NA A	716 BTU/hr
	277 VAC	45.1 A	56.4 A	60 A	
12500 VA	120 VAC	NA	NA	NA A	825 BTU/hr
	277 VAC	56.4	70.5	80 A	

TWO/SPLIT PHASE INVERTERS

INVERTER POWER	INPUT VOLTAGE	INPUT CURRENT	MINIMUM BREAKER REQUIRED	SUGGESTED FEED BREAKER	MAX BTU/HR AT FULL LOAD
2200 VA	120 VAC	13.2 A	16.5 A	20 A	150 BTU/hr
	240 VAC	11.5 A	14.3 A	20 A	
	480 VAC	5.7 A	7.2 A	20 A	
4000 VA	120 VAC	24.0 A	30.0 A	30 A	286 BTU/hr
	240 VAC	20.8 A	26.0 A	30 A	
	480 VAC	10.4 A	13.0 A	20 A	
5000 VA	120 VAC	30.0 A	37.6 A	40 A	355 BTU/hr
	240 VAC	26.0 A	32.6 A	40 A	
	480 VAC	13.0 A	16.3 A	20 A	
6000 VA	120 VAC	36.1 A	45.1 A	50 A	426 BTU/hr
	240 VAC	31.3 A	39.1 A	40 A	
	480 VAC	15.6 A	19.5 A	20 A	
8000 VA	120 VAC	48.1 A	60.1 A	70 A	563 BTU/hr
	240 VAC	41.7 A	52.1 A	60 A	
	480 VAC	26.0 A	32.6 A	40 A	
10000 VA	120 VAC	60.1 A	75.1 A	80 A	716 BTU/hr
	240 VAC	52.1 A	65.1 A	70 A	
	480 VAC	26.0 A	32.6 A	40 A	
12500 VA	120 VAC	75.1 A	93.9 A	100 A	852 BTU/hr
	240 VAC	52.1 A	65.1 A	70 A	
	480 VAC	32.6 A	40.7 A	50 A	



THREE PHASE INVERTERS

INVERTER POWER	INPUT VOLTAGE	INPUT CURRENT	MINIMUM BREAKER REQUIRED	SUGGESTED FEED BREAKER	MAX BTU/HR AT FULL LOAD
3000 VA	120/208 VAC	10.4 A	13.0 A	20 A	205 BTU/hr
	277/480 VAC	4.5 A	5.6 A	20 A	
5000 VA	120/208 VAC	17.4 A	21.7 A	30 A	355 BTU/hr
	277/480 VAC	7.5 A	9.4 A	20 A	
8000 VA	120/208 VAC	27.8 A	34.7 A	40 A	563 BTU/hr
	277/480 VAC	12.0 A	15.0 A	20 A	
10000 VA	120/208 VAC	34.7 A	43.4 A	50 A	716 BTU/hr
	277/480 VAC	15.0 A	18.8 A	20 A	
12500 VA	120/208 VAC	43.4 A	54.3 A	60 A	853 BTU/hr
	277/480 VAC	18.8 A	23.5 A	30 A	
15000 VA	120/208 VAC	52.1 A	65.1 A	70 A	1074 BTU/hr
	277/480 VAC	22.6 A	28.2 A	30 A	
18000 VA	120/208 VAC	62.5 A	78.1 A	80 A	1279 BTU/hr
	277/480 VAC	27.1 A	33.8 A	40 A	

Notes:

- Input Current = Output Current + Max Charge Current
- Suggested Feed Breaker Sizes are Rounded Up in 10 Amp Increments
- Input Power Requires 3 Wires, Neutral & Ground - Neutral is Passed Through & Current Carrying - Feeder Neutral to be Sized Same as Line Conductors
- KAIC Rating for All Models = 65KAIC (UL Rated Per UL 61800-5-1)
- Short Circuit Current Rating = 65KA for ALL Models