

Staco E3 Frequency Converter Technical Data Specification

Staco E3 – 15.0kVA Model Specifications are listed below.

Rectifier Input -15kVA Model			
Vac	Max Amperes	Configuration	Recommended Cables ^{1, 2}
208Δ	61	DELTA (3W+E)	4AWG
208/120Y	59	WYE (3W+N+E)	4AWG
220/127Y	56	WYE (3W+N+E)	4AWG
380Δ	33	DELTA (3W+E)	8AWG
380/219Y	33	WYE (3W+N+E)	8AWG
400Δ	32	DELTA (3W+E)	8AWG
400/231Y	31	WYE (3W+N+E)	8AWG
480Δ	26	DELTA (3W+E)	10AWG
480/277Y	26	WYE (3W+N+E)	10AWG
600Δ	21	DELTA (3W+E)	10AWG
600/347Y	21	WYE (3W+N+E)	12AWG

Output - 15kVA Model			
Vac	Max Amperes	Configuration	Recommended Cables ^{1, 2}
208/120Y	42	WYE (3W+N+E)	6AWG
220/127Y	39	WYE (3W+N+E)	8AWG
380/219Y	23	WYE (3W+N+E)	10AWG
400/231Y	22	WYE (3W+N+E)	10AWG
480/277Y	18	WYE (3W+N+E)	12AWG
600/347Y	14	WYE (3W+N+E)	14AWG

1: Based on 75°C copper wire.

2: Recommended cable sized based on THW cables at 30°C ambient (NEC Table 310.16). If different cables are used or installed at higher ambient, the cable size need to be reviewed

Staco E3 Transformer, Battery, Weights, & BTU Details					
Power (kVA)	Input transformer	Output Transformer	Maximum Weight	BTU/hr	Notes
15	No	No	628	5800	1
	No	Yes	908	7300	1
	Yes	No	908	7300	1
	Yes	Yes	1188	8800	1

1. All Weights are in pounds. Additional options may increase weight.