

Staco E3 Precision Power Conditioner Product Technical Data Specification

Staco E3 - 15kVA Model Specifications are listed below. Bypass Input (Dual Input) is a selectable option.

Rectifier Input - 15kVA Model			
Vac	Max Amperes	Configuration	Recommended Cables ^{1, 2, 3}
208/120Y	59	WYE (3W+N+E)	4AWG
208Δ	60	DELTA (3W+E)	4AWG
220/127Y	55	WYE (3W+N+E)	4AWG
230/133Y	54	WYE (3W+N+E)	4AWG
240Δ	52	DELTA (3W+E)	6AWG
480/277Y	26	WYE (3W+N+E)	10AWG
480Δ	26	DELTA (3W+E)	10AWG
575/332Y	22	WYE (3W+N+E)	10AWG
600/347Y	21	WYE (3W+N+E)	10AWG
600Δ	21	DELTA (3W+E)	10AWG

Bypass Input (Dual Input) - 15kVA Model			
Vac	Max Amperes	Configuration	Recommended Cables ^{1, 2, 3}
208/120Y	42	WYE (3W+N+E)	6AWG
208Δ	43	DELTA (3W+E)	6AWG
220/127Y	39	WYE (3W+N+E)	8AWG
230/133Y	38	WYE (3W+N+E)	8AWG
240Δ	37	DELTA (3W+E)	8AWG
480/277Y	18	WYE (3W+N+E)	12AWG
480Δ	19	DELTA (3W+E)	12AWG
575/332Y	15	WYE (3W+N+E)	14AWG
600/347Y	15	WYE (3W+N+E)	14AWG
600Δ	15	DELTA (3W+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

Output - 15kVA Model			
Vac	Max Amperes	Configuration	Recommended Cables ^{1, 2, 3}
208/120Y	42	WYE (3W+N+E)	6AWG
208Δ	43	DELTA (3W+E)	6AWG
220/127Y	39	WYE (3W+N+E)	8AWG
230/133Y	38	WYE (3W+N+E)	8AWG
240Δ	37	DELTA (3W+E)	8AWG
480/277Y	18	WYE (3W+N+E)	12AWG
480Δ	19	DELTA (3W+E)	12AWG
575/332Y	15	WYE (3W+N+E)	14AWG
600/347Y	15	WYE (3W+N+E)	14AWG
600Δ	15	DELTA (3W+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.