

TreStar P Series 125 & 150 kVA Online UPS

Three Phase UPS

TreStar P Series

The TreStar P Series Uninterruptible Power Supply is designed to meet the power protection needs of today's most sensitive critical loads. Its new digital control system eliminates all overloads, frequency variations, transients, flicker and blackouts in real time. The TreStar P Series' new digital control processes signals 10 times faster than previous analog methods

UPS reliability begins with design. With a true online, double conversion design, the TreStar P Series completely isolates your connected loads from utility power, and provides clean, regulated output voltage and frequency.

The TreStar P Series was designed with the end-user in mind. It offers the highest quality, and the reliability you expect. It is easy to install, and has a user friendly front control panel with an easy to read LCD menu. Its advanced battery management system reduces the frequency of maintenance and replacement schedules, saving you time and money.

About Staco Energy Products

Staco Energy Products Co. is one of the longest lasting innovators of Power Quality and Voltage Control technologies in the world. In an industry where companies come and go, Staco Energy Products Co. continues to provide the reliability and continuity you need.

Our experienced staff of engineers is here to assist you in configuring exactly the right product to meet your specifications. They stand ready to work with complex special applications or simple modifications to our standard product line.

From leading edge uninterruptible power supplies, power conditioners, power factor and harmonic correction equipment, to the world's most stable voltage control systems, we have the technology you need to protect your business, and the knowledge to make it work for you.

Features:

- Parallelable for Capacity or Redundancy, Up To 8 Modules
- True Online Protection
- 0.9 Output Power Factor
- Vector-Controlled IGBT Inverter
- Input Circuit Breaker
- State-of-the-Art Communications
- Internal Maintenance Bypass
- Matching Battery Cabinets with Internal Disconnect
- Top and Bottom Cable Entry
- User Friendly Display
- Advanced Battery Management

Options:

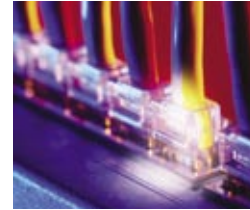
- SNMP Adapter
- Network Solutions Software
- External Maintenance Bypass
- Extended Battery Run Times
- 7% Harmonic Filter
- Parallel Kit
- 208V AC Input & Output
- Extended Warranties
- Preventative Maintenance Packages



Specifications

Performance & Physical Data (Nominal Conditions with Linear Load)

Model 7150	125-44	125-42	125-22	150-44	150-42	150-22
kVA/kW @ .9 PF	125/112	125/112	125/112	150/135	150/135	150/135
Input Voltage Range (nominal)	+15% to -20%			+15% to -20%		
Input Voltage (single input)	480Y/277	480	208	480	408	208
Input Voltage (dual input)	480	480	208	480	480	208
Bypass Voltage (dual input)	480Y/277	480	208	480	408	208
Output Voltage	408Y/277	208Y/120	208Y/120	480Y/277	208Y/120	208Y/120
Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Nominal Input Current	161	165	388	190	194	458
Maximum Input Current	224	230	540	270	275	650
Nominal Output Current	150	347	347	180	416	416
System Efficiency	93	91	89	93	91	89
Full Load Heat Rejection (BTU/hr)	28,892	37,963	47,442	34,670	45,556	56,930
Output Regulation	±1% with balanced load, ± 3% with 100% unbalanced load					
Voltage THD	<3% for 100% linear loads					
Dimensions (HxWxD) (inches)	75.3 x 45.3 x 33.7	75.3 x 45.3 x 33.7	75.3 x 69 x 33.7	75.3 x 45.3 x 33.7	75.3 x 43.5 x 33.7	75.3 x 69 x 33.7
Weight (lbs)	2,600	3,750	5,560	2,600	3,750	5,560
Environmental						
Acoustical Noise	65 dBA at 1 Meter					
Operating Temperature	0° to 40° C					
Relative Humidity	0 - 95% non-condensing					
Operation Altitude	1,500 meters without derating					
EMC	Meets FCC Class A					
Safety						
Compliance	UL/cUL 1778 Listed					
Seismic Mounting	All cabinets provide seismic mounting features					



Communications

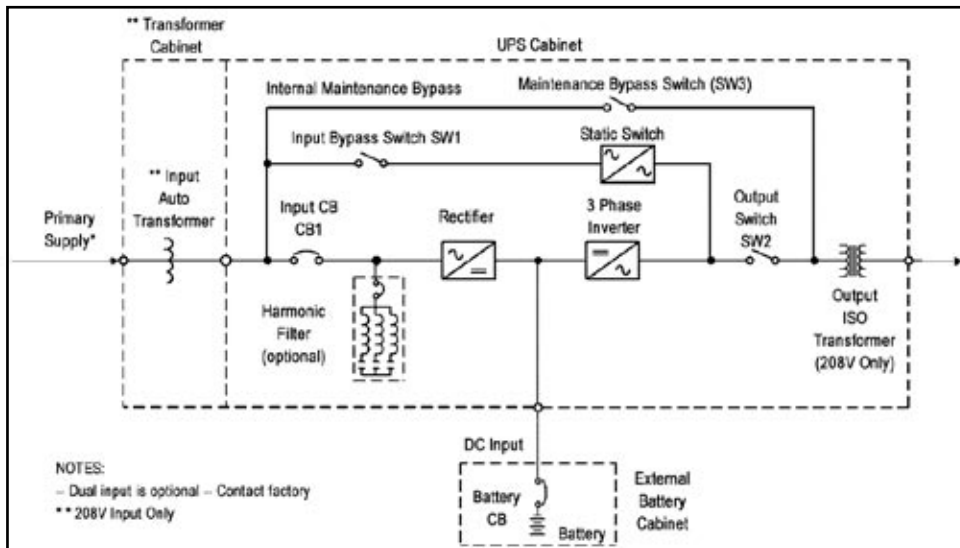


Information Technology



Manufacturing

One Line Diagram



Medical Imaging



Pharmaceuticals



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