



**TRADEWINDS®**

**POWER CORP**

5820 NW 84th Avenue • Miami Florida 33166  
Tel 305 592 9745 • FAX 305 592 7461

Filters  
Pump Sets  
Power Units  
Generator Sets  
Automatic Engine Controls

# Tradewinds Power Corp

## Bid No. FSA20-EQU18.0 Specification No. #468 600amp Automatic Transfer Switch



# FSA Cooperative Purchasing Program



**Contract: FSA20-VEH18.0 - Heavy Trucks**

**Contract: FSA20-VEL28.0 - Pursuit, Administrative and Other Vehicles**

**Contract: FSA20-EQU18.0 – Heavy Equipment**  
(formerly combined with Heavy Vehicles under “VEH” contracts)

## Contract Terms and Conditions



## CONTRACT ORDERING INSTRUCTIONS

*The Florida Sheriffs Association Cooperative Purchasing Program welcomes you to utilize the Cooperative Purchasing Program at no cost to our purchasers. However, as a user of the program, we do request you to submit copies of all purchase orders when using the FSA CPP. Send your PO copies to [COOP@flsheriffs.org](mailto:COOP@flsheriffs.org)*

This document is designed to assist you through the purchasing process as outlined in Section 3.20 Order, of the Contract Terms and Conditions. Please familiarize yourself with the Contract Terms and Conditions sections that apply to "purchasers." A link to this document is found on each contract page.

- 1) For a complete list of offerings, select the appropriate contract from the [Cooperative Purchasing Program](#) home page.

FSA CPP currently has 6 competitive contracts:

- |  |  |
|--|--|
| ✓ Pursuit, Administrative and other Vehicles | ✓ Fire Rescue Vehicles and Other Equipment |
| ✓ Heavy Trucks                               | ✓ Ambulances and Other Equipment           |
| ✓ Heavy Equipment                            | ✓ Tires                                    |

- 2) Under Products and Services Available, locate the product group for your purchase interest. Each group provides a drop-down list of all products by expanding the group bar by selecting the arrow to the left of the group name.
- 3) If options need to be added to the base product, locate the options that correspond with each awarded vendor for each product specification number. All options must be discounted, and proof of discounts can be requested from the vendor.
- 4) Once your product is located, contact the awarded vendor for your zone for a quote using the Vendor Directory located just under the CPP logo on each contract page. While it is recommended that an agency purchase from the zone which is closest to their location, it is not mandatory to do so. If the purchaser determines that a vendor in another zone can better serve the purchaser's needs, the purchaser may order from a vendor in another zone. Vendors that provide vehicles or equipment outside of an awarded zone may upon mutual agreement between the vendor and the purchaser charge a delivery fee.
- 5) For vehicle purchases, be sure to include your manufacturer code on your purchase order and request that the vendor use your code to enable you to track your vehicles in production. Also, please include the FSA codes on your PO. The FIN/FAN/Certification Codes for the FSA are:

Manufacturer	Code Type	FSA Code	Contact
Ford	FIN	QE065	1-800-343-5338
Fiat Chrysler Automobiles	FAN	917872	1-800-999-3533
General Motors	FAN	49313	1-800-353-3867
Nissan	Certification	FSA	<a href="mailto:FleetDistribution@Nissan-usa.com">FleetDistribution@Nissan-usa.com</a>
Toyota	FIN	GE159	1-800-732-2798

- 6) Delivery or due dates should be discussed with the vendor at the time the quote is provided to the purchaser, or if no quote is provided, prior to when the purchase order is delivered to the vendor. It is important to note that vendors do not have any control over production delays in schedules from the manufacturer.



## CONTRACT ORDERING INSTRUCTIONS

- 7) A purchaser issues a purchase order to the vendor, that should include:
- Awarded vendor name and address per contract
  - The contract number and title
  - Specification number and vehicle description
  - Purchaser's federal identification number
  - Name, phone number and email address for the point of contact at the purchasing agency
- 8) **The purchaser should forward an executed copy of the purchase order to the FSA at the same time the purchase order is sent to the vendor. Emails are acceptable. Emails can be sent to [coop@flsheriffs.org](mailto:coop@flsheriffs.org).**

*We hope you enjoy your purchasing experience with our Florida Sheriffs Association Cooperative Purchasing Program and don't forget to send us a copy of your purchase order. We are available should you have questions.*



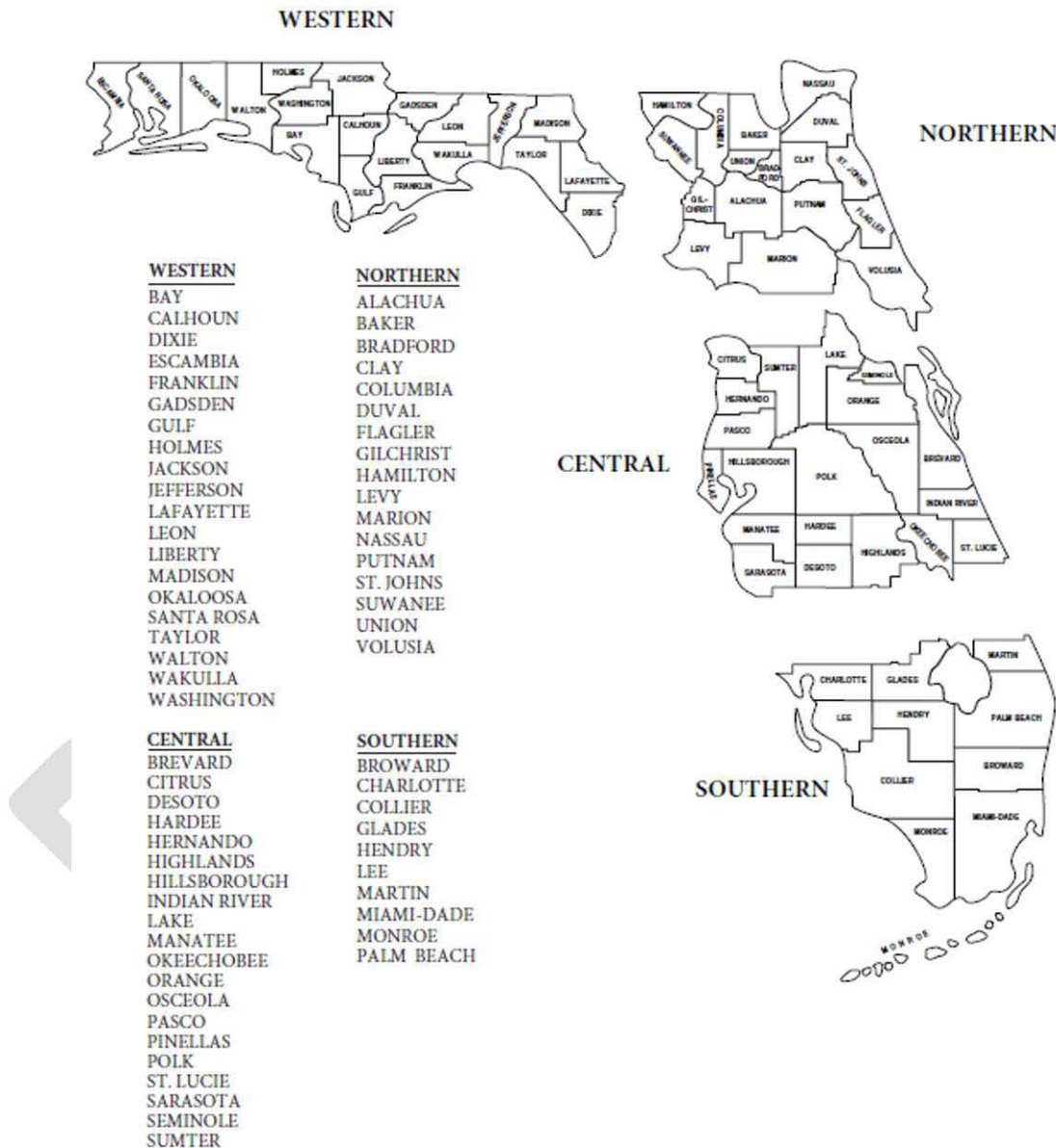
# FLORIDA SHERIFFS ASSOCIATION

## Cooperative Purchasing Program

### Contract Terms and Conditions

## Appendix B

### FSA CONTRACT ZONE MAP



v.10\_2015

## Appendix C

# FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES

## FSA20-EQU18.0 HEAVY EQUIPMENT CONTRACT

THE FOLLOWING ITEMS WILL BE FACTORY INSTALLED ON THE BASE VEHICLE/EQUIPMENT TO MEET THE MODEL NUMBER AND BUILD CODES OF THE VEHICLE LISTED. PLEASE REFER TO THE EMERGENCY VEHICLE LIGHTING AND SIRENS SECTION WITHIN THIS CONTRACT FOR DESCRIPTIONS, SPECIFICATIONS AND AWARDED VENDOR PRICING.

### SPECIFICATION GROUP - TRANSFER SWITCH: 600 Amp Automatic Transfer Switch

Make: ABB-Zenith Model: ZTG600

Make: ASCO Model: Series 300

Make: Caterpillar Model: CTG Series

Make: Generac Model: GTS/PSTS600

Make: Thomson

Model: Auto Transfer Switch

### FSA Item Specifications Description:

1. AUTOMATIC TRANSFER SWITCH: Maximum voltage rating of 600Vac, 60hz; 1ph or 3ph; Open transition (break-before-make) transfer logic; Transfer switch must meet the related industry standards: UL 1008 - Automatic transfer switches for use in emergency systems; CSA - Automatic transfer switches; NEMA - Industrial control and systems AC transfer switch equipment; IEC - Automatic transfer switching equipment.
2. RATING: 600-amp, 3 pole, 277/480vac, 60hz; Enclosure type: NEMA 3r.
3. FUNCTIONAL: The automatic transfer switch shall automatically transfer the load to the generator supply in the event of a utility supply failure and return the load to the utility supply upon restoration. The automatic transfer switch power switching devices shall be mechanically and electrically interlocked to prevent the utility and generator supplies from being interconnected. All timers should be field adjustable to ensure proper field site compatibility.
4. AUTOMATIC SEQUENCE OF OPERATION: When the voltage on any phase of the utility supply is below present levels of rated voltage for a preset time delay, a contact shall close to initiate start of the standby generator. The load shall transfer to the generator supply when the generator voltage and frequency have reached acceptable present levels and the warm up time delay has expired. When the utility supply is restored to the above present levels of rated voltage on all phases, load transfer from generator to utility supply shall be initiated following expiry of the utility return timer. Once the transfer mechanism operates and opens the

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### SPECIFICATION GROUP - TRANSFER SWITCH: 600 Amp Automatic Transfer Switch (Continued from previous page)

generator power switching device, the transfer mechanism shall stop in the neutral position (i.e. with the both power switching devices open) for the duration of the neutral delay timer setting to allow load voltage to decay prior to reconnecting the utility supply. The load shall be re-connected to the utility supply once the neutral delay timer expires and the transfer mechanism continues operation and closes the utility power switching device. The load shall immediately retransfer to the utility supply (if within acceptable limits) should the generator supply fail prior to the expiry of the utility transfer delay. The generator set shall continue to operate following a load transfer for a cool down delay period, and then a contact shall open to stop the generator set. An "on load" test mode may be initiated which shall cause a simulated utility failure condition and transfer the load to the generator set. The transfer sequence shall be the same as for a utility power failure except a neutral delay sequence shall occur when transferring from utility to a generator source. The load shall immediately retransfer to the utility supply (if within acceptable limits) should the generator supply fail during an "on load" test mode.

5. FACTORY TESTING: A certified factory test report shall be shipped with each switch at time of shipment; The automatic transfer switch shall be factory tested prior to delivery to the purchaser; The following test shall be conducted by qualified factory personnel: Visual Inspection; Mechanical Tests; Electrical Tests; Final Inspection.
6. FIELD TESTING AND COMMISSIONING: The automatic transfer switch shall be field tested once installed at the project site to confirm proper operation of the system; Schedule and witness testing activities shall be coordinated with the project engineer, site contractor, and owner as required in advance of the testing date; A qualified local factory-trained field representative shall conduct the necessary test to ensure proper operation of the switch. Visual Inspection: Electrical and Mechanical inspection to verify the installation is correct as recommended by the transfer switch manufacturer and as per National Electric Code (NEC) requirements. Mechanical Tests: As a minimum, the following mechanical tests shall be performed on the transfer switch: Power conductor torque verification; Verification of mechanical interlock; Manual ATS

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### **SPECIFICATION GROUP - TRANSFER SWITCH: 600 Amp Automatic Transfer Switch (Continued from previous page)**

Mechanism Operation; All Mechanical Fasteners/Wire Connections Tight; Confirmations of correct transfer switch voltage, current and withstand ratings as is required for the application.

7. Meggar testing the power cabling to the transfer switch; Verification of correct power cabling phasing and phase rotation prior to energization; Confirmation of settings for all timers & voltages sensors. Full Function Test-normal operation - 3 complete cycles of failing the utility supply, and transfer load to/from the generator set; Verification of all test modes operates correctly.
8. CONDITIONS: In addition to equipment specified, each automatic transfer switch shall be equipped with all necessary equipment as specified by the manufacturer for this model and shall include but not be limited to the following necessary items: Shrink Wrap applied to the product to ensure a clean finish; One complete set of operation and maintenance manuals; A two (2) year or 1500 hour from date of standard standby warranty will apply from date of successful startup; Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.



FSA20-EQU18.0, Heavy Equipment

**Group:** TRANSFER SWITCH: 600 Amp Automatic Transfer Switch

**Item:** 468, Thomson, Auto Transfer Switch, TS 870

Zone	Rank	Vendor	Price	Build File	Options File
Western	Primary	Tradewinds Power Corp.	\$6,781.00	<a href="#">Build</a>	<a href="#">Options</a>
Northern	Primary	Tradewinds Power Corp.	\$6,781.00	<a href="#">Build</a>	<a href="#">Options</a>
Central	Primary	Tradewinds Power Corp.	\$6,781.00	<a href="#">Build</a>	<a href="#">Options</a>
Southern	Primary	Tradewinds Power Corp.	\$6,781.00	<a href="#">Build</a>	<a href="#">Options</a>



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**FLORIDA SHERIFFS ASSOCIATION BID:**  
**FSA20-EQU18.0, Spec. No. 468**  
**600 amp Automatic Transfer Switch**

	A	B	C	D
1	Spec. Number	Code	Description	Price - All Zones
2	468	TT100-FS	Credit - Downgrade to 100 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ (4,312)
3	468	TT150-FS	Credit - Downgrade to 150 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ (4,100)
4	468	TT200-FS	Credit - Downgrade to 200 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ (3,866)
5	468	TT250-FS	Credit - Downgrade to 250 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ (3,191)
6	468	TT400-FS	Credit - Downgrade to 400 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ (2,280)
7	468	TT800-FS	Upgrade - 800 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 989
8	468	TT1000-FS	Upgrade - 1000 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 4,820
9	468	TT1200-FS	Upgrade - 1200 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 6,545
10	468	TT1600-FS	Upgrade - 1600 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 19,186
11	468	TT2000-FS	Upgrade - 2000 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 22,909
12	468	TT2500-FS	Upgrade - 2500 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 30,731
13	468	TT3000-FS	Upgrade - 3000 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 37,440
14	468	TT4000-FS	Upgrade - 4000 amp 277/480vac, 3ph, 60hz, NEMA 3r	\$ 58,912
15	468	TTSE-100-FS	Credit - Downgrade to 100amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ (2,817)
16	468	TTSE-150-FS	Credit - Downgrade to 150amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ (2,707)
17	468	TTSE-200-FS	Credit - Downgrade to 200amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ (2,404)
18	468	TTSE-250-FS	Credit - Downgrade to 250amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ (1,970)
19	468	TTSE-400-FS	Credit - Downgrade to 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ (833)
20	468	TTSE-600-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 1,938
21	468	TTSE-800-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 3,331
22	468	TTSE-1000-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 10,426
23	468	TTSE-1200-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 11,364
24	468	TTSE-1600-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 23,399
25	468	TTSE-2000-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 26,188
26	468	TTSE-2500-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 37,137
27	468	TTSE-3000-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 43,244
28	468	TTSE-4000-FS	Upgrade - 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure	\$ 67,453



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**600 amp Automatic Transfer Switch**

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1	Spec. Number	Code	Description	Price - All Zones
29	468	TT913-100-FS	Credit - Downgrade to 100amp, 120/240vac, 3ph, 60hz, NEMA 3r	\$ (5,568)
30	468	TT913-200-FS	Credit - Downgrade to 100amp, 120/240vac, 3ph, 60hz, NEMA 3r	\$ (5,191)
31	468	TT913-400-FS	Credit - Downgrade to 100amp, 120/240vac, 3ph, 60hz, NEMA 3r	\$ (3,638)
32	468	TTSE-913-100-FS	Credit - Downgrade to 100amp, 120/240vac, 3ph, 60hz, Service Entrance Rated, NEMA 3r Aluminum weather enclosure	\$ (4,984)
33	468	TTSE-913-200-FS	Credit - Downgrade to 100amp, 120/240vac, 3ph, 60hz, Service Entrance Rated, NEMA 3r Aluminum weather enclosure	\$ (4,137)
34	468	TTSE-913-400-FS	Credit - Downgrade to 100amp, 120/240vac, 3ph, 60hz, Service Entrance Rated, NEMA 3r Aluminum weather enclosure	\$ (1,329)
35	468	TTSS-100-200-FS	Credit - Downgrade to 100 - 200amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by deducting from Bid Price	\$ (3,894)
36	468	TTSS-250-FS	Credit - Downgrade to 250amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by deducting from Bid Price	\$ (3,000)
37	468	TTSS-400-600-FS	Credit - Downgrade to 400 - 600amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by deducting from Bid Price	\$ (1,686)
38	468	TTSS-800-FS	Credit - Downgrade to 800amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by adding to Bid Price	\$ (969)
39	468	TTSS-1000-1200-FS	Upgrade - 800amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by adding to Bid Price	\$ 306
40	468	TTSS-1600-2000-FS	Upgrade - 800amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by adding to Bid Price	\$ 6,482
41	468	TTSS-2500-3000-FS	Upgrade - 800amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by adding to Bid Price	\$ 7,722
42	468	TTSS-4000-FS	Upgrade - 800amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel by adding to Bid Price	\$ 11,409
43	468	TT4-6FM-FS	Net Cost Adder - 600 and 800 amp Double Door switch to floor mounted type	\$ 1,147
44	468	TT16-30-ED-FS	Net Cost Adder - 1600 - 4000 amp switches with extended depth	\$ 998
45	468	TT16-40-SA-FS	Net Cost Adder - 1600 - 4000 amp switches for side access	\$ 860
46	468	TT16-40-RC-FS	Net Cost Adder - 1600 - 4000 amp remote communications	\$ 430
47	468	TT6-1200-FM-FS	Net Cost Adder - 100 - 2000 amp switches for electrical surge suppression	\$ 4,853
48	468	TT-CLOSEDTRANS-FS	Net Cost Adder - Upgrade to existing switch to make switch closed transition---5%	\$ 5,290





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**FLORIDA SHERIFFS ASSOCIATION BID:**  
**FSA20-EQU18.0, Spec. No. 468**  
**600 amp Automatic Transfer Switch**

	A	B	C	D
1	Spec. Number	Code	Description	Price - All Zones
49	468	TTSWITCH-FS	Net cost adder percentage to change from original proposal transfer switch to another manufacture to meet customer requirements---25%	25%
50	468	TT-SURGE-1PH-240-FS	Net Cost Adder - Surge Suppression for 1ph units rated up to 240vac	\$ 683
51	468	TT-SURGE-3PH-240-FS	Net Cost Adder - Surge Suppression for 3ph units rated up to 240vac	\$ 992
52	468	TT-SURGE-3PH-480-FS	Net Cost Adder - Surge Suppression for 3ph units rated for 480vac	\$ 1,549
53	468	CL40FB-OPP-FS	Net Cost Adder - Single Female Connector, 2/0 to 4/0 Camlock Panel Mount, 400Amp/600V Double Set Screw. Price per connector.	\$ 57
54	468	CL40MB-OPP-FS	Net Cost Adder - Single Male Connector, 2/0 to 4/0 Camlock Panel Mount, 400Amp/600V Double Set Screw. Price per connector.	\$ 43
55	468	T100PLUG-FS	Net Cost Adder - 100amp, 3ph, power connector with 30' 600v, SO cable and matching generator connection.	\$ 5,000
56	468	T200PLUG-FS	Net Cost Adder - 200amp, 3ph, power connector with 30' 600v, SO cable and matching generator connection.	\$ 8,800
57	468	T400PLUG-FS	Net Cost Adder - 400amp, 3ph, power connector with 30' 600v, SO cable and matching generator connection.	\$ 9,130
58	468	T200CORD-FS	Net Cost Adder - 200amp, single power cord, 30' in length rated for 600v, SO type cable with generator connection (camlock connector) at one end and bare wire at other end.	\$ 1,982
59	468	T400CORD-FS	Net Cost Adder - 400amp, single power cord, 30' in length rated for 600v, SO type cable with generator connection (camlock connector) at one end and bare wire at other end.	\$ 3,560
60	468	T100-LCORD-FS	Net Cost Adder - 400amp, single multistrand cable - 4/0 type 1/C, 600/2000vac, 90C Flexible rental grade type cable. Price per foot.	\$ 25
61	468	T200-LCORD-FS	Net Cost Adder - 100amp, 3ph, 2000v rated, flexible, S/O cord rated for 100amps and to contain a total of five (5) conductors. Price per foot.	\$ 40
62	468	T400-LCORD-FS	Net Cost Adder - 200amp, 3ph, 2000v rated, flexible, S/O cord rated for 100amps and to contain a total of five (5) conductors. Price per foot.	\$ 115
63	468	TPC-ATS-MAIN1	Net Cost Adder - 400amp, 3ph, 2000v rated, flexible, S/O cord rated for 100amps and to contain a total of five (5) conductors. Price per foot.	\$ 850
64	468	TPC-ATS-MAIN2	Net Cost Adder - Tighten Line, Load, and Emergency leads for secure connection to transfer switch. Transfer generator and provide condition summary report of emergency system. Note: this is a net cost adder per switch.	\$ 1,280





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	A	B	C	D
1	Spec. Number	Code	Description	Price - All Zones
65	468	TPC-WAR1-AT-FS	Net Cost Adder - 100amp - 1000amp, 5yr factory extended warranty. Net cost of warranty will be 15% of total cost of switch.	15%
66	468	TPC-WAR2-AT-FS	Net Cost Adder - 1001amp - 4000amp, 5yr factory extended warranty. Net cost of warranty will be 10% of total cost of switch.	10%
67	468	TT-TCP-400-FS	Credit - Downgrade to existing switch to have 400amp rated generator connection plate installed.	\$ (4,524)
68	468	TT-TCP-800-FS	Credit - Downgrade to existing switch to have 800amp rated generator connection plate installed.	\$ (3,172)
69	468	TT-TCP-1200-FS	Credit - Downgrade to existing switch to have 1200amp rated generator connection plate installed.	\$ (1,543)
70	468	TT-TCP-1600-FS	Net Cost Adder - Upgrade to existing switch to have 1600amp rated generator connection plate installed.	\$ 14,061
71	468	TT-TCP-2000-FS	Net Cost Adder - Upgrade to existing switch to have 2000amp rated generator connection plate installed.	\$ 17,686
72	468	IT100-150-FS	Credit - 100-150amp, 1 or 3 ph., Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$ (6,689)
73	468	IT151-200-FS	Credit - 151-200amp, 1 or 3 ph., Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$ (6,696)
74	468	IT201-400-FS	Credit - 201-400amp, 1 or 3 ph., Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$ (6,701)
75	468	IT401-600-FS	Credit - 401 -600amp, 1 or 3 ph., Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$ (6,716)
76	468	IT601-800-FS	Credit - 601 -800amp, 1 or 3 ph., Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$ (6,726)



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	A	B	C	D
1	Spec. Number	Code	Description	Price - All Zones
77	468	IT801-1200-FS	Credit - 801 - 1200amp, 1 or 3 ph., Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$ (6,706)
78	468	IT1201-4000-FS	Credit - 1201 - 4000amp, 1 or 3 ph., Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$ (6,696)
79	468	T400-DOC-FS	Credit - 400amp, 1 or 3ph, Generator Docking station with required 120vac out power plug and auto-start contacts.	\$ (1,972)
80	468	T800-DOC-FS	Credit - 800amp, 1 or 3ph, Generator Docking station with required 120vac out power plug and auto-start contacts.	\$ (1,297)
81	468	T1200-DOC-FS	Upgrade - 1200amp, 1 or 3ph, Generator Docking station with required 120vac out power plug and auto-start contacts.	\$ 2,104
82	468	TTQCPS-400-WALL-FS	Credit - Provide wall mounted quick disconnect panel in compliance with NEC code 700.3 rated for 400amps.	\$ (2,132)
83	468	TTQCPS-800-WALL-FS	Credit - Provide wall mounted quick disconnect panel in compliance with NEC code 700.3 rated for 800amps.	\$ (1,264)
84	468	TTQCPS-1200-WALL-FS	Credit - Provide wall mounted quick disconnect panel in compliance with NEC code 700.3 rated for 1200amps.	\$ (53)
85	468	TTQCPS-1600-WALL-FS	Upgrade - Provide wall mounted quick disconnect panel in compliance with NEC code 700.3 rated for 1600amps.	\$ 281
86	468	TTQCPS-2000-WALL-FS	Upgrade - Provide wall mounted quick disconnect panel in compliance with NEC code 700.3 rated for 2000amps.	\$ 1,531
87	468	TTQCPS-800-PAD-FS	Upgrade - Provide pad mounted quick disconnect panel in compliance with NEC code 700.3 rated for 800amps.	\$ 1,022
88	468	TTQCPS-1200-PAD-FS	Upgrade - Provide pad mounted quick disconnect panel in compliance with NEC code 700.3 rated for 1200amps.	\$ 2,192
89	468	TTQCPS-1600-PAD-FS	Upgrade - Provide pad mounted quick disconnect panel in compliance with NEC code 700.3 rated for 1600amps.	\$ 2,945
90	468	TTQCPS-2000-PAD-FS	Upgrade - Provide pad mounted quick disconnect panel in compliance with NEC code 700.3 rated for 2000amps.	\$ 4,322
91	468	TTQCPSD-400-WALL-FS	Upgrade - Provide wall mounted dual purpose quick disconnect panels for mobile and load bank connections in compliance with NEC code 700.3 rated for 400amps.	\$ 471
92	468	TTQCPSD-800-WALL-FS	Upgrade - Provide wall mounted dual purpose quick disconnect panels for mobile and load bank connections in compliance with NEC code 700.3 rated for 800amps.	\$ 1,836





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600 amp Automatic Transfer Switch

	A	B	C	D
1	Spec. Number	Code	Description	Price - All Zones
93	468	TTQCPSD-1200-WALL-FS	Upgrade - Provide wall mounted dual purpose quick disconnect panels for mobile and load bank connections in compliance with NEC code 700.3 rated for 1200amps.	\$ 3,065
94	468	TTQCPSD-800-PAD-FS	Upgrade - Provide pad mounted dual purpose quick disconnect panels for mobile and load bank connections in compliance with NEC code 700.3 rated for 800amps.	\$ 8,001
95	468	TTQCPSD-1200-PAD-FS	Upgrade - Provide pad mounted dual purpose quick disconnect panels for mobile and load bank connections in compliance with NEC code 700.3 rated for 1200amps.	\$ 8,745
96	468	TTQCPSD-1600-PAD-FS	Upgrade - Provide pad mounted dual purpose quick disconnect panels for mobile and load bank connections in compliance with NEC code 700.3 rated for 1600amps.	\$ 10,402
97	468	TTQCPSD-2000-PAD-FS	Upgrade - Provide pad mounted dual purpose quick disconnect panels for mobile and load bank connections in compliance with NEC code 700.3 rated for 2000amps.	\$ 11,980
98	468	T-CCP-FS	Net Cost Adder - Payment made by Credit Card. Price is 4% of total purchase.	4%