

CONTROLLERS

ATC 900 & 300, GTS/HTS



Generac Power Systems offers a full line of controllers to fit your every need. From our standard GTS/HTS series to our more advanced ATC-300+ controller and all the way to our top of the line controller, the ATC-900.

ATC-900 Controller

The ATC-900 is designed, tested, and listed for the most rigorous mission critical applications. The ease of use, adaptability, supervisory, and programming capabilities are ideal for health care, wastewater, data center and other industrial applications. Brings intelligence, adaptability, and enhanced supervisory and programming capabilities to the PSTS product offering. USB upload parameters come standard to help reduce configuration time. The ATC-900 controller has a 4.3 inch color LCD display, 450 events, last capture, customizable data acquisition, and USB upload parameters.

ATC-300+ Controller

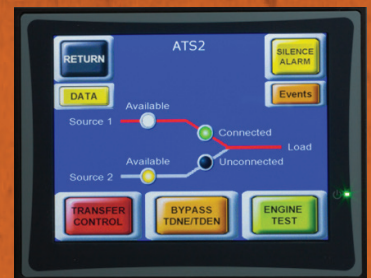
The ATC-300+ microprocessor-based ATS controller is unmatched in performance, reliability and functionality for critical operating, emergency, legally required and optional power systems. The ATC-300+ has a 2 line-32 character LCD display in real time and historical information with time-stamped events. Features also include digital programmable plant exerciser— OFF, daily, 7, 14, 28-day interval programmable run times. With the standard features of pre-transfer contacts, 3 phase sensing on utility and generator source, phase unbalance, phase reversal, load shed/emergency inhibit, and communications (Modbus® RTU) the ATC-300+ is the industry benchmark for transfer switch controllers.

GTS/HTS

The GTS/HTS series offers 4 different controllers. The PowerManager H-100 controller offers isochronous engine speed control, automatic voltage regulation with over voltage protection, and variable voltage/ frequency settings. The PowerManager Digital Control Platform is engineered as a as an integrated, flexible platform with product specific software modules. The PowerManager DCP can be configured as a single genset (PowerManager G-100), a parallel generator controller (PowerManager G-200), or a master system controller (PowerManager G-200SC) for Modular Power Systems.

Remote Annunciator

The remote annunciator controller provides users with the ability to remotely monitor and control single or multiple transfer switches from one intuitive, color touchscreen. The remote annunciator controller connects to Generac's ATC-900 or ATC-300+ controller serving as an extension of the transfer switch



controller with auto IP syncing for faster configuration. The annunciator is equipped with Modbus RTU and remote control capability including: transfer to source 2, engine test, time delay bypass, audible or silent alarm, and manual retransfer compliant with NFPA 110 for panel-mounted control switches.

Specifications



| | ATC-900 | ATC-300+ | GTS/HTS |
|------------------------------|---|--|------------------------|
| Applications | Util to Gen; Util to Util; 3 Source Available | Util to Gen; Util to Util | Util to Gen |
| Display | 4.3 in color LCD display | 2-line, 16 character, LCD Display plus Mimic Bus | LED |
| Basic Transfer Time Delays | Programmable | Programmable | Programmable |
| Transfer Mode | Open/Delayed/Closed | Open/Delayed | Open/Delayed |
| Bypass Time Delays | Standard | Standard | GTS Fast Test, HTS N/A |
| Load Shed from Emergency | Standard | Standard | GTS Optional, HTS N/A |
| Source 2 Inhibit | Standard | S2 Only | GTS Optional, HTS N/A |
| Go to Emergency | Standard | Standard | Optional |
| Engine Exerciser | Off, Daily, 7/14/28 Day, Calendar date (up to 12 user-specified dates) No Load or Load, 0-600 minutes | Standard - Clock - 1 routine - 7/14/28 Day or off, programmable with or w/o load, 0-600minutes | Standard |
| Pre-transfer Signal | Standard, Configurable Output 0-600 Sec | Standard, Fixed | Optional |
| Post-transfer Signal | Standard, Configurable Output 0-600 Sec | NA | N/A |
| Monitor Mode / Lock-out | Standard | Standard | N/A |
| History/Event Log | 450 Events are time stamped | 16 most recent transfer events, 21 event reasons | N/A |
| Source Acceptable Output | Standard | Standard (Present Only) | LED Indication |
| General Alarm Output | Standard, Configurable Output | Standard | Via GenLink with HTS |
| Voltage Unbalance | Standard | Standard | N/A |
| Phase Reversal | Standard | Standard | N/A |
| Preferred Source Selection | Standard | NA | GTS Optional, HTS N/A |
| Commit/No Commit to transfer | Configurable Setpoint | NA - No Commit Only | N/A |
| Ethernet | Optional | Optional | N/A |
| Remote Annunciator | Optional | Optional | N/A |
| Communication Protocol | Modbus RTU, Standard ETU Optional | Modbus RTU, Standard ETU Optional | GenLink HTS Only |