

QUIET-TEST™

H-100 Control Panel



DESCRIPTION

- Digital controls for all safety shutdowns
- Isochronous governor control built in
- Sealed Digital Circuit Board
- 2 Amp static battery charger
- Mates with HTS transfer switch and any 2-wire start ATS

STANDARD FEATURES

The Quiet-Test™ H-100 Control Panel is a digital microprocessor electronic controller that integrates all engine and transfer switch functions into a single control system.

- Two 4 line x 20 displays
- Full system status
- 3 phase sensing voltage regulator
- Remote ports
 - RS232
 - RS485
 - Canbus
- Water proof connections
- All engine sensors are 4-20 ma for minimal interference
- Built in PLC

In addition, the generator set parameters can be manipulated and monitored without standing in front of the control panel with GenLink® software. The Generac H-100 control also monitors and controls transfer switch functions when used with the HTS Transfer Switch.

- Monitors utility voltage
- Monitors generator voltage
- Timer for line interrupt delay
- Timer for engine warmup
- Timer for minimum engine run time
- Timer for return to utility position
- Timer for engine cooldown
- Built in exerciser timer (7 day)
- Additional 2 wire start controls for any 2 wire transfer switch.

GENERAC®
POWER SYSTEMS, INC.

FEATURES

- Full range stand-by operation
- Full system status
 - 3 phase AC volts
 - 3 phase amps
 - kW
 - Power factor
 - Reactive power
 - Oil pressure
 - Water temperature
 - Water level
 - Oil temperature (optional)
 - Fuel pressure
 - Engine speed
 - Battery voltage
 - Alternator frequency
 - Time
 - Date
 - Transfer switch status
 - Run hours
 - Service reminders
 - Trending
 - Fault history (alarm log)
 - I²t function for full generator protection
 - Built in PLC for special applications
- Shutdowns
 - Overvoltage
 - Overspeed
 - Low oil pressure
 - High coolant temperature
 - Low coolant level
- Remote communication
 - RS232
 - Optional modem
 - Canbus
- Complies with NFPA Level 2
- Programmable auto crank
- Emergency Stop
- On Off Manual Switch
- Not in Auto flashing light
- Audible alarm for fault condition
- Transfer switch logic communicates with HTS transfer switch
- Weekly exerciser (programmable)
- Selectable Low speed exercise
- Digital voltage regulator with 3 phase sensing (3 phase units)
- Isochronous governor
- Waterproof electrical connectors
- Temperature Range -40° to 70° C

TYPICAL CONTROL CONNECTION

