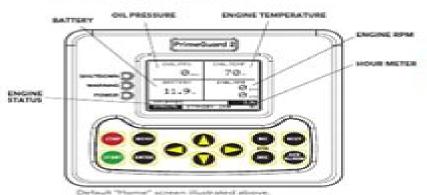
## Godwin PrimeGuard 2 Controller

WITH FIELD SMART TECHNOLOGY

Godwin's diesel-driven automatic Dri-Prime\* pumps include the Godwin PrimeGuard 2 automatic level controller, standard on all electronic diesel engines and available for mechanical diesel engines. PrimeGuard 2 is designed for use with diesel engines - up to and including Final Tier 4 - to communicate with the Engine Control Unit (ECU). The Godwin PrimeGuard 2: is a fully programmable microprocessor engine control system. that allows for inputs from flow meters, level transducers, pressure transducers or standard floats. Using any of these systems, your Godwin Dri-Prime pump can start and stop automatically with no operator intervention required.

#### Features

- High performance, state-of-the-art, touch sensing digital controller
- Manual, automatic, or remote starting capabilities
- Security levels allow limited to full access of controller functionality
- Includes eight programmable relays and 66 selectable features, including pump running, pump failure, and others
- RS-485 communication ports enable communication with SCADA and other alarm equipment.
- Capable of being run by pressure/level transducer with backup float switch operation





- Maintains an "event history" of all warning alarms (up to 32)
- User can pre-set engine rpm to maintain flow and head parameters when running unattended
- Tracks oil and filter usage and alerts operator when replacement is recommended
- Diesel engine warm up/cool down cycle available
- Real-time clock with battery back-up
- For interim and Final Tier 4 diesel engines, shows level of soot in the diesel particulate filter (DPF) and if engine needs regeneration. When the filter needs regeneration, the Godwin PrimeGuard 2 can be used to initiate the cycle.

#### Godwin PrimeGuard Controller Basic Operation









Directional arrows for screen

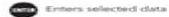


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# **Godwin Primeguard Manual**

**G** Orfield



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