



Product Data Sheet

Variable Speed Drives

Variable Speed Drives... Save Energy. Speed up Production.

Efficiency is key for oil and gas customers — and wasted energy leads to lost profits. Continuous motor performance is crucial to achieve optimal profitability. Variable Speed Drives (VSDs) from GPS regulate motor speed and effectively control energy usage, so that you can achieve maximum efficiency with lower energy costs. We ensure that you receive a top quality VSD for your systems.

GPS offers Variable Speed Drives ranging from 30 KVA to 1000 KVA. Our VSDs are configured and designed to meet your unique criteria and are built in conformance with all industry electrical standards. Variable Speed Drives can be applied to Submersible Pumps, Horizontal Pumps, Transfer Pumps, Beam Pumps, PCP, GCP or any surface motor. Designs are available in 6-, 12-, 18- and 24-pulse options, with active front-end drives available.

Allowing your equipment to adjust to conditions opens the door to impressive energy savings. Inquire about variable speed drives for your business today.

Features

- Standard and Custom Color Graphic HMI for All Oil & Gas Pumping Applications
- Remote Monitoring and Control
- USB port for data collection and history recording, information can be viewed on PC
- Rugged Oil Field Nema 3R enclosure standard. Up to Nema 4X (Stainless) enclosure available. Standard 10 Gauge Steel Construction
- Built In PLC
- Standard 122°F (50°C) Ambient Temperature Rating
- Sine Wave Filter option for ESP units
- Filter Board Option for Monitoring Downhole Sine Wave Filter Output, protects ESP Unit in the event of a Sine Wave Filter failure
- Multiple Communication Options...Modbus RTU, Ethernet, RS232, RS485, RS422 Fiber Optic, Mod Bus TCP / IP, EthernetIP, Device NET
- Additional I/O cards....Analog Input, Analog Output, Digital Input, Digital Output, RTU, High Speed Counter, Thermocouple, Sensor Module, and Rate Card
- Short Circuit and Ground Fault Protection
- Plug and Play IO modules
- Full parameter access or limited parameter access Via Password Protection
- Full Register list for remote communication
- 20 Digital, 4 Analog Input and 1 Analog Output standard
- Active Front End (AFE) Option for guarantee IEEE-519 compliance
- Powder Coated Enclosure (Custom Colors available)



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