Compact Drive Systems

**Compact Drive Systems - Liquid Cooled**

- Onboard pre-charge circuitry
- 6/12/18/24 pulse configurable
- Reduced height and footprint to fit any tight space
- Reserve cooling tank
- Isolation between modules for easy diagnostics
- Induction / PM switchable firmware
- Modular design and configure flexibility
- Excellent serviceability and accessibility
- Proven interface with NOV control and machinery

**Features**

- Compact Drive Liquid Cooled Specifications
  - Peak Fault Braking: Chopper Voltage, Continuous Current, Output Frequency, In. Max Flow Range, Compliance
  - System IP Rating: Chopper Continuous Power, Overload Current, Cable Entry Options, System Cooling Water Temp., Maximum Thermal Dissipation, ABS MODU 2012

**Compact Drive Systems - Air Cooled**

- Onboard pre-charge circuitry
- Dedicated VFD sections for each drilling equipment
- Reduced height and footprint to fit any tight space
- Induction / PM switchable firmware
- Modular design and configure flexibility
- Excellent serviceability and accessibility
- Proven interface with NOV control and machinery

**Features**

- Compact Drive Air Cooled Specifications
  - DC Bus Rating: Rectifier Size, Output Power, Rated Temperature, Compliance
  - Peak Fault Braking: Chopper Voltage, Continuous Current, Output Frequency, Compliance
  - System IP Rating: Chopper Continuous Power, Overload Current, Cable Entry Options, ABS MODU 2012

The Compact Drive LC (Liquid Cooled) systems share all the features with Drill Force LC systems but with a reduced height and footprint. The system still offers the best reliability and seamless integration with NOV control systems and machinery. NOV proprietary liquid cooling design provides the best cooling capacity and redundancy. High thermal dissipation guarantees the continuous drilling and breaking operations without thermal failures.