

Fuel Cell Powered Forklifts Alternative Energy GRI Product Application Sheet



Market: Alternative Energy

OEM Device: Fuel cell powered fork lifts.

- Fuel cells replace lead acid batteries.
- Longer life
- More time between charges
- Less lead acid batteries in landfills

Purpose of pumps: Cooling loops control heat generated by fuel cells.

Pump models: Integrity Series Magnetic Drive Circulation Pumps



Market Advantages

- **Brushless DC motors:** 12-48V
- **Manufactured by GRI** - Designed for OEM customization - Manufacturing able to wind motors to meet customer's specific flow and pressure requirements.
- **Magnetically driven** - motor is contained away from fluid
- **Maximum Temperature up to 225°F (107°C)** (Limitations apply)
- **Multiple OEM options available**



Pump Series	Maximum Flow GPM, (LPM)	Maximum Head FT, (PSI)	Maximum System Pressure	Motor Specs/ Voltages
INTG1	3.0, (12.0)	22.0, (10.0)	50 PSI	12-36 VDC
INTG3	8.85, (33.5)	37.0, (16.0)	75 PSI	12-24 VDC
INTG5	10.0, (37.9)	80.0, (35.0)	75 PSI	12-48 VDC
INTG7	22.0, (83.0)	80.0, (35.0)	75 PSI	12-48 VDC
INTG8	39.0, (145.0)	70.0, (30.0)	75 PSI	12-48 VDC



180 Hines Ave. • Bellville, OH 44813 • PH: 419-886-3001 • FAX: 419-886-2338 • www.GRIpumps.com