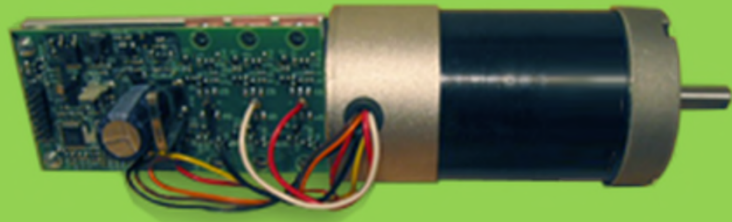




## Remote Solar Well Pump



### Project Requirements:

- Motor + Drive had to slide through a 2.5" diameter tube
- 12 – 48 VDC Input
- Thermal Protection
- Programmable Drive (DSP Based) is capable of monitoring the power off of the solar grid, calculate the optimal starting time to overcome the head requirements based upon well depth, without false starts.

Motor Parameters @ 25°C			
	Tolerance	Units	Value
Max. Operating Speed	Max	RPM	5,000
Peak Torque (Tp)	Max	Oz-In	166
Peak Current (Ip)	Max	Amps	19
Torque Sensitivity (Kt)	± 10%	Oz-In/Amp	8.57
Back EMF Constant (Ke)	± 10%	V/K RPM	6.35
DC Resistance (Rt)	± 10%	Ohms	0.53

**Motor Can Be Modified To Meet Your Project Specifications**