Geared Motors for Solar Tracking

Dare to capture every ray of sun!!



e.g if we select a BLDC Geared Motor as follows

6min/rev (Ratio required = 17000 approx)

i.e. 360sec/Rev. which is 1°/sec

This means we have to power motor for just 1 second every 4 minutes to track the solar movement.

Since ratio is 3000 or greater, we can use a very low strength motor to attain the torque required. So current consumption remains very low. Lower Speeds also possible.

If it's a Multi-Axis Solar Tracking System, or if more than one Geared Motors are being used, please send us the specifications of each Geared Motor and we will suggest you the optimum solution for the same.

