



Application News

From Ramsey Products

Powered by the Sun ... Driven by Ramsey Chain

Application: Solar Powered Boat

Power train for endurance racing:

- Two 1 hp motors @ 1500 rpm
- 6.24:1 drive ratio

Power train for sprint racing:

- Single 15 hp motor @ 3000 rpm
- 1.5:1 drive ratio

Ramsey Components Selected:

- Ramsey RPV302... 3/8" pitch x 1/2" width RPV silent chain
- Ramsey RPV sprockets

Description:

Engineering students at a major university designed and built a solar powered boat to compete in speed and endurance contests. A single 15 hp motor provided power for high speed operation, while dual 1.0 hp motors propelled the boat during endurance runs. Ramsey RPV chain and sprockets were selected to provide a compact, non-slip, and reliable connection between the motors and the propeller shaft.



Contact Ramsey Products for assistance with your application. We will provide a no obligation review of your drive requirements.

The Source for Silent Chain and Sprockets <http://ramseychain.com>

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