

Appendix Two/1

PANCAKE AND WHEEL MOTORS AND GENERATORS

Given below are a number of contacts for Wheel Motors - which may be able to be used as low speed generators due to their ability for regenerative braking - and other pancake motors and generators. Manufacturers should be contacted for specific applications



PML Flightlink Ltd, Newman Lane, Alton, Hampshire, GU34 2QW

Tel: +44 (0) 1420 594140, Fax: +44 (0) 1420 83930

http://www.pmlflightlink.com/archive/news_generator.html

The new 60Kw generator comes in a package size envelope of only 356mm diameter and 170mm long and includes the full inverter and power electronics inside the generator! Complete generator and electronics pack weighs only 45kg giving a superb 1.5kW/kg output. But needs high revs. See also

<http://www.pmlflightlink.com/motors/wheelmotors.html> and

<http://www.printedmotorworks.com/about-2/unique-features-of-printed-motors/>

http://www.pmlflightlink.com/motors/hipa_drive.html



Stored Energy Technology Limited - E-Mail: sales@set.gb.com

Atlas Works - Litchurch Lane - Derby - DE24 8AQ

Tel: +44 (0) 1332 346 035 - Fax: +44 (0)1332 346 494

<http://www.set.gb.com/wheel.htm>

Light railway wheel motor, fully waterproof, capable of various power windings, and regenerative braking ie. Can probably be used as a variable speed generator



Lynch Motor Company Ltd, Unit 8, Park Court, Heathpark Honiton, Devon, EX14 1SW

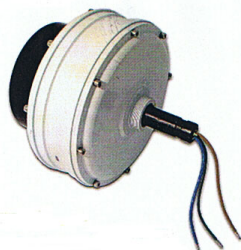
Tel: +44 (0) 1404 549940, Fax: +44 (0) 1404 549546

Email: sales@lmcltd.net

<http://www.lmcltd.net/index.php?page=renewable-energy>

http://www.speedace.info/lynch_electric_pancake_motors.htm

Are specifically trying to enter Renewable Energy Generator market



ENERGISTAR.COM is owned by Goldvale Enterprises

Bwlchmelyn, Llanboidy, Carmarthenshire SA34 0ER

Telephone: Freephone 0800 825 0 625

Callers outside UK Tel: +44 1994 448270 / +44 7978 806360

Fax +44 1994 448808

See <http://energistar.com/> click on PMG

Range of imported permanent magnet generators [probably Chinese]

For small wind turbine applications. Also supply Hydropower Equipment, turbines etc.

Note, there is a Finnish supplier of Pancake motors/generators at

http://www.axcomotors.com/wind_power_generator.html

See also http://www.axcomotors.com/hydropower_generator.html