

Amstelveen, 11 May 2006

## PRESSRELEASE

### **FastCat 435 Vector-K 100% electrical driven!**

#### **First fossil fuel free (GREEN) sailing yacht in production**

**Can you imagine: no smoke, no smell, no pollution and no noise.  
And on top of that: no fuel or maintenance cost for your engine(s).**

African Cats BV introduces the first fossil fuel free sailing yacht. In her continuing search to reduce consumption of fossil fuels African Cats produces the all electric FastCat 435 sailing catamaran that has an even lower weight and sails faster as the diesel version and does not use any fossil fuel for propulsion.

The break thru became possible because of Vector-K built FastCat 435 combined with the new developed Lithium Ion batteries ( optional) or the standard absorbed glass mat and the new designed light weight brushless electric motors and the fact that FastCat 435 Vector-K sails under very light wind conditions (10 knots at 90 degrees app. 7,5 knots boat speed).

**Charging:** When charging is necessary the motors/generators will recharge the batteries up to 60 amperes per hour while sailing. The electric version is also equipped with dual wind generators and solar panels for continuous additional charging capacity.

**Consumption:** The complete electric CAPI2 supply system is designed to conserve energy. For instance: all lighting in and outside are dimmable LED lights. The navigation and deck light are all high power LED lights, the fridge and freezer are both water cooled, are very well insulated and have a cold storage battery inside to conserve even more energy. All navigation equipment and Auto pilot are energy efficient.

**Motor use:** Autonomy is over 3 hours @ 50% power. In order to motor for half an hour, 6 hours of sailing over 5 knots is needed while generating energy to replenish the batteries. The top speed is 8 knots under power while under sail over 20 knots can be achieved. For world travellers there is the possibility to install 2 different sizes of generators for extended motoring.

**Lithium Ion Batteries:** By installing the Lithium Ion batteries from Valence Industries (optional) the weight will be lowered even further by more than 5% weight savings of 350 kilo's, while raising the autonomy under power to 6 hours.

**Price:** The electric version is priced the same as the diesel version.

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Hi-Res pictures available on ftp server:  
Copy and paste <ftp://ftp.africancats.com>  
Username: **press**  
Password: **africancats**

**For more information contact:**

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