

## ELECTRIC JET



**This is Caproni Jsc first attempt for an integrated electric drive in base model jet from the type of Bombardier. The goal is realization of green recreational water vehicle without noise and exhaust good for transport, leisure and sport. Reaching the characteristics of the original jet with internal – combustion engine is NOT a goal.**

## ELECTRIC JET

**Ignition characteristics: DC electric drive with high overload capacity up to  $M_{max} = 4 M_{nom}$  with specially built DC electric motor:**

**10kW, 80 Vdc**

**3000 RPM**

**Working regime: S2 = 60 min**

**Traction battery: LiFeYPO4**

**The Electric drive is supplied with controller and accelerator.**

**The system has the needed indicative systems for monitoring the momentary conditions of the drive.**

**The electric power system is supplied with a power-system protection.**

**The Electric JET has an easy way for operation and optimal distribution of the electric elements – traction battery, DC motor and the rest of the installation – for maximum stability of the vehicle.**

**The first test drives of this model are already accomplished. Followed by broad schedule of other tests such: maximum speed tests, cycle and load battery tests, dynamic performance, optimizations in the working modules, solar battery use, etc.**



BULGARIA , 6100 KAZANLAK , 45 STOLETOV Str.  
Tel.:+359/431/62 229 , +359/431/6132 ,  
Fax:+359/431/62 230 , +359/431/63 134  
E-mail:caproni@caproni.bg , WEB:http://www.caproni.bg