



Modena, 2/3/2017

The following is the Terra Modena Mechatronic EIPS data sheet produced for CHINA BUND and presented the last March the 4th 2017 at the UIM Gala dinner. Any other informations are available upon request. We are also available for custom engineering. Do not hesitate to contact us at info@terramodena.eu

EIPS standard components:

- Waterproof carbon fibre replaceable battery pack
- Modular battery pack of 42kWh that can be coupled in series or in parallel
- Motor 200kW peak power
- Torque peak 500 Nm
- High Quality&High Performance cells from 1st tier producers
- Axial Flux Motor(s)
- Inverter
- Electronic
- Battery Management System
- Safety sensors
- Military connectors
- High quality cables (F1 std)
- EDN external recharge system
- Dashboard
- Liquid cooling systems for motors

EIPS optionals:

- Liquid cooling for battery pack (recommended for high power motor)
- On line monitoring for battery pack and motor(s) with pilot alert system

EIPS features:

- Plug&Play, Single Module Unit
- Different Axial Flux motors available: from 20kW to 200 kW peak power, other on demand (asynchronous)

EIPS customized services and products

- Power and density energy on request
- Co-design
- Technical collaboration for the hull installation