

**all4solar**

electric boat engines & solar power

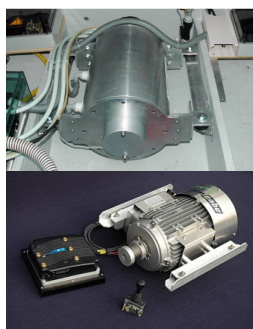
**aquawatt**

advanced electric boat propulsion

*Australia, New Zealand, Asia, Pacific*

## Project references for advanced electric boat propulsion systems

*low maintenance – no petrol – no noise – clean – powerful - efficient*



20-40 HP electric induction  
outboard motor  
(48-96 V / 300 A)

15 – 200 HP electric inboard  
engines  
(48-244 V DC)

Lithium battery systems  
Solar & Wind charge systems



Aquawatt 848 boat with 2 x  
25 KW electric motors and  
LiPo battery pack.

Full cabin.

Speeds over 20 knots.  
Charged with onshore solar  
system & grid charger



Aluminium dingy  
Quintrex 390 E  
with 13 KW outboard motor  
(AB13T).  
5 KW AGM & 3 KW LIFEPO  
battery pack.

Speed 17 – 20 knots.  
Charged with 500 watt solar  
panel



22 KW / 30 HP engine on high speed boat & inflatable boat

With 80 V lithium battery packs upto 24 knots.



Passenger boat (15 passengers) with 13 KW electric outboard engine and lead acid batteries (4 x 12 V 200 Ah)

Charged with onshore clean power electricity from local energy provider.



Aquawatt 5.5 meter fibre glas boat with 22 KW high speed outboard engine and lithium battery pack.

Charged with onshore solar system and grid charger.

Optional onboard portable generator for range extension.



Wooden long tail type boat with 13 KW / 20 HP aquawatt AC induction outboard motor and lead acid or lithium batteries.

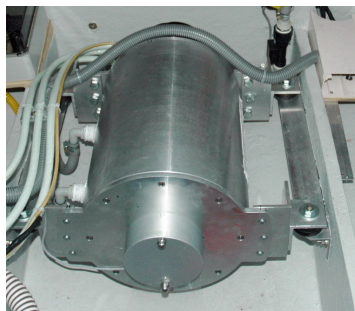
Charged with grid charger 240 V AC



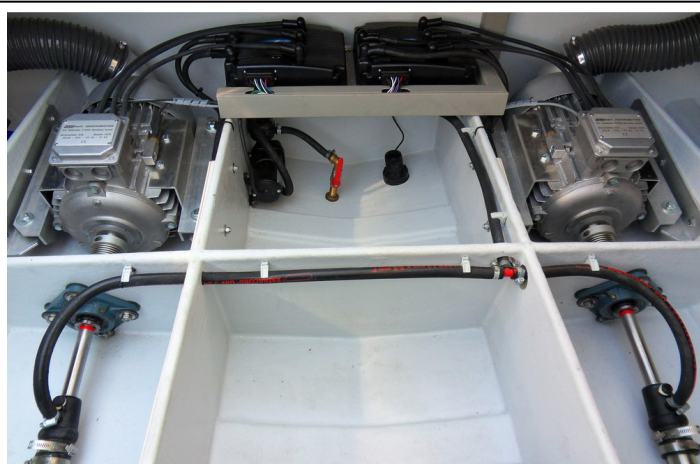
Aquawatt Solar Boat with 1.8 KW DC engine and 350 watt solar panels charging the internal lithium battery.

Speeds upto 8 knots. Can run upto 6 hours on battery & solar system.

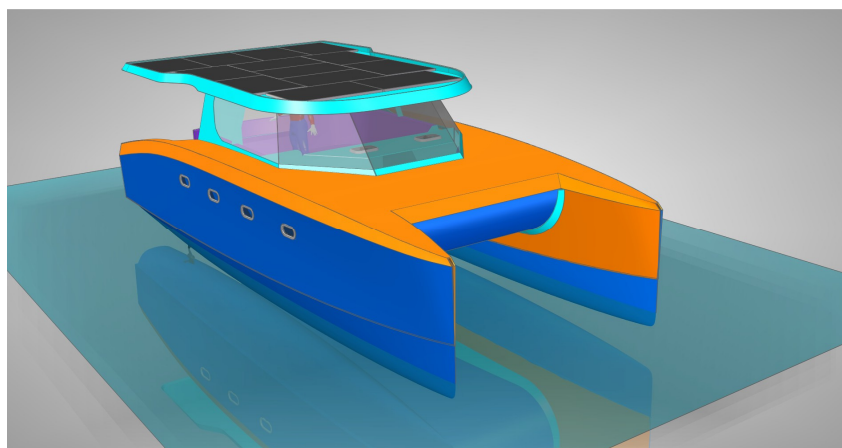




30 KW water cooled direkt drive engine in yacht



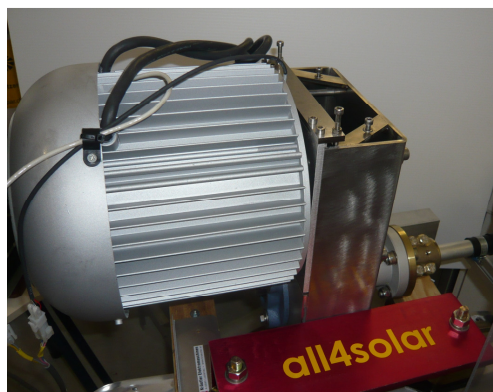
Twin 25 KW air cooled engines direct drive



Completely solar powered cruiser catamaran with twin 20 KW engines

10 x 4.5 meter  
18 knots

Project 2013



5-10 KW induction inboard engine with 1:2 reduction gear

Repower 4 t sailing yacht  
With existing shaft & prop



Small Motor Cat equipped with two 13 KW electric outboard motors. 51 V / 400 Amp lithium battery.

2 tons / 18 knots

Charged with onshore solar energy.



Aquawatt 560 open with one 13 KW electric outboard motor (AB12R).

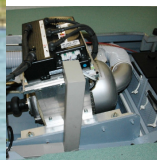
Equipped with Lithium batteries. 16 knots.

2 KW for 6 knots only  
Runs upto 5 hours with 10 KW h battery



(L) Inflatable boat with 2 HP electric trolling motor and AGM batteries charged with foldable solar panel.

(R) RIB with 13 KW outboard and Lithium battery pack. 18 knots.



Solarwave Catamaran equipped with aquawatt inboard engines 2 x 10 KW (20 KW)

Weight: 10-12 t  
Length: 13.9 m  
3 KW at 4-5 knots!  
Max. speed 9 knots  
Energy from onboard solar system



Solar Katamaran projects with AC inboard and outboard drives.

Wind & solar power  
Chaparral Cruiser equipped with 13 KW outboard engine and LIFEPO4 batteries (7-8 knots). Battery charged with portable 120 watt solar panel and DC DC from main engine.