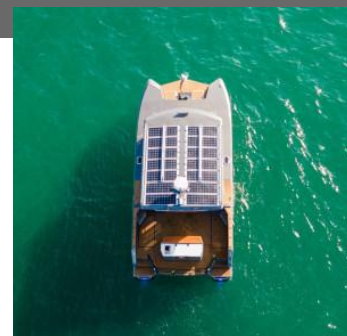




2020 Herley 34 Powercat Electric

1200000



Specifications

Boat Details

Price	1200000	Boat Brand	CUSTOM BOATS
Model	Herley 34 Powercat Electric	Length	10.40
Year	2020	Category	Aluminium
Hull Style	Multi	Hull Type	Aluminium
Power Type	Power	Stock Number	WL141222
Condition	Used	State	New Zealand
Suburb	Bay of Plenty	Engine Make	

Disclaimer

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Description

2020 Herley 34 Powercat Electric

The ultimate electric boat is here!!!

You'll need to read these incredible fuel figures twice...

Cruise Range (Hybrid) - 1300NM @ 6knots and 700NM @ at 8knots

Battery Only Range - 34NM @ 6knots approx 6 hours steam and 18.5NM @ 8knots (Solar input not included in these calculations).

Max Speed - 20knots (Sport mode) dependent on load conditions and sea state.

Cruise Speed - 10knots

Battery only max Speed - 12knots

Max range 2,500 nautical miles @ 8 knots

Cruise 14 knots @ 0.73 litres per Nautical mile

Cruise 9 knots @ less than 0.5 litres per Nautical Mile

How about those fuel prices at the moment!

Built to the highest standards, Herley are world leading in their tech, the optimisation of power generation is what sets this electric vessel apart from the other electric boat manufacturers around the world!

This vessel is applicable to AMSA 2C Survey 12 + 2, Ray White Marine Aus and NZ will facilitate the vessel being entered to Survey with assistance from AMSA accredited Surveyors in Australia.

HYBRID PROPULSION SYSTEM

Motor - 2x100kw peak, 60 kw continuous, Brushless, Permanent magnet

Battery Bank - 60kWh Lithium-ion

On-board Charging - 120kw Diesel permanent magnet generator

CONSTRUCTION

Material - 5083 Marine Grade Aluminium

Fendering - Full length Aluminium Sheer Bump Rail Aft Quarter Rail

ROOF / MAST/ ELECTRONICS

Solar Panels - 1.8kw

Radar - 18'' Solid State

Aerials / Antenna - VHF, FM, GPS

Nav Lights - LED Fwd, Aft, Port and Starboard

COCKPIT

Island - Multiple configurations, containing bait tank, tuna tubes, wash down hose, seating, rubbish bin, stow away bbq, sink with hot and cold tap and preparation surface.

Access - Steps to side deck, Steps to Lower boarding platform

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Decking - Engineered teak
Lighting - Step lights, Footwell lights, Flood light
Rod Holders - 6x in gunwales, 5x on aft railing
Lockers - Storage port and starboard outdoor shower
Bar - 90L fridge freezer
Sound System - fusion 2x6.5'' and 2x8'' speakers
Cockpit overhang - Rod storage, full width grab handle

FORWARD CABINS

Bed - Actuated lift for stowage under step platforms
Locker - Overhead, full length of cabin
Flooring - Carpeted

MECHANICAL SYSTEM

Steering - Hydrive hydraulic system
Bilge - 4x 3400gph bilge pumps, high water alarm, float switch

For more information, photos, service records and extensive specifications, please contact Winnie Le +61 478 828 675

winnie@raywhitemarine.com

Features

Designer	Roger Hill
Builder	Herley Boats
Water (Potable) Capacity (l)	300
Hull Construction Material	Aluminium
Hull Type	Multi
Deck Construction Material	GRP with teak deck
Country Origin	New Zealand
Length (m)	10.40
Beam/Width (m)	4.7
Draft (m)	0.77
Dry Weight (kgs)	6.9T Dry
Engine Notes	This newly designed displacement catamaran features two 60kw/100kw peak electric motors and 300Nm of torque. These motors run in parallel with a 120kw Diesel Generator coupled to a permanent magnet generator and Lithium-ion battery storage. The system has the ability to recharge the system within 1 hour out at sea. The vessel's hull form has been

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Horse Power (hp)

specifically designed to create as minimal drag under the waterline with projected ranges exceeding 1300 Nautical Miles on a 640L fuel tank.

Generator

60kw/100kw peak electric motors

Steering System

120kw Diesel Generator

Accommodation Notes

HyDrive

Cabins - 2

Berths - 4

Shower - 1

Toilet - 12V Ceramic electric toilet - electric flush, soft close seat

Toilet Type

12V ceramic electric toilet - Electric Flush, soft close seat

Air Conditioning

Yes

Galley Notes

GALLEY

Oven - Wallas diesel oven / Cooktop

Sink - Stainless steel

Fridge - 90L fridge freezer

Refrigeration

90L Fridge/ Freezer

Entertainment and Appliances Notes

Fusion sound system, TV

Deck Gear

Anchoring systems

Winch - LSM GX - 5

Anchor - Super Sarca No. 5 15kg

Rode and Chain - 140mm 12mm rope, 12m 10mm SL

Bow Sprit - Custom Roller Assembly

Electrics

Electrical System

Start Battery Bank - 190 Ah

House Battery Bank - 450 Ah

Charger - Victron Argo 3 Bank

Battery Room - Fire Alarm, Extraction fan, DC monitoring

C-zone - Tank Monitoring and digital switching

Corrosion Protection - Galvanic isolator

Shore Power - 6kw water cooled

Interior light - x 2

TV - Drop down/ Hidden Unit

Electronics Navigation

Display Units - 2 x 12' Garmin GPSMAP 8612

VHF - Garmin VHF 215

Autopilot - Garmin reactor

Transducer - 1kw chirp through hull

Stereo - Fusion apollo, bluetooth, touchscreen, party bus 2 x 6 speakers

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Ground Tackle	ANCHORING SYSTEMS Winch - LSM GX-5 Anchor - Super Sarca No. 5 15kg Rode and chain - 140mm 12mm rope, 12m 10mm SL Bow Sprit - Custom Roller assembly
Remarks	Cruise Range (Hybrid) - 1300NM @ 6knots and 700NM @ at 8knots Battery Only Range - 34NM @ 6knots
Vessel Name	Asea Dsea
Cruising speed	10kn
Maximum speed	20kn (sport mode) dependent on load conditions and sea state

Engine Details 1

Fuel Type	Diesel
Fuel Capacity	680

Engine Details 2

Engine Make	Battery Powered Lithium
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