

BETA MARINE

**It's a Propulsion Engine!
It's a Generator!
It's an Electric Drive!
and so much more!**



The New Beta Marine Hybrid System

Heat Exchanger Cooled 14 - 60 hp

Hybrid Propulsion

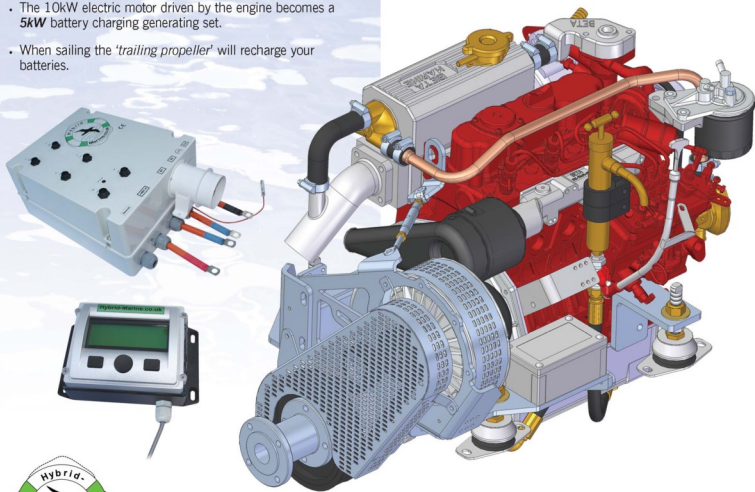
The **NEW** Beta Hybrid solution range is available in co-operation with Hybrid-Marine Limited.

The Beta Hybrid Propulsion system comprises our reliable Beta heat exchanger marine propulsion engine mounted with a proven 10kW electric motor / generator that is controlled by a push button controller.

You can choose to cruise conventionally on the Beta diesel engine; or with the 10kW electric motor powered by your batteries. Cruising with silence and the electric motor becomes a truly enjoyable experience.

- An **abundance of electrical power** available (from your battery bank) that can power a washing machine, or microwave or kettle; television and DVD's no problem – without running the engine.
- The electric drive motor provides you with an **environmentally friendly green** solution. In crowded marinas you can make a silent departure, no-one will hear you leaving at 6am.
- The 10kW electric motor driven by the engine becomes a **5kW** battery charging generating set.
- When sailing the *'trailing propeller'* will recharge your batteries.

Engine	Standard Output	Electrical Output
Beta 14HB	13.5hp @ 3,600 rpm TMC40 Transmission 2.6:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 16HB	16hp @ 3,600 rpm TMC40 Transmission 2.6:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 20HB	20hp @ 3,600 rpm TMC40 Transmission 2.6:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 25HB	25hp @ 3,600 rpm TMC40 Transmission 2.6:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 30HB	28hp @ 3,600 rpm PRM150 Transmission 2.8:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 38HB	39hp @ 3,600 rpm PRM150 Transmission 2.8:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 43HB	43hp @ 2,800 rpm PRM150 Transmission 2.8:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 50HB	50hp @ 2,800 rpm PRM260 Transmission 2.9:1	10 kW Electric Motor 5kW / 48 Volt Generator
Beta 60HB	56hp @ 2,700 rpm PRM260 Transmission 2.9:1	10 kW Electric Motor 5kW / 48 Volt Generator



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