



## Complete Hybrid Package

Base engine - Shire 40 / 45 / 50
Liquid cooled motor / generator providing 10kW drive and 5kW generation
48V, 4.8kW alternator boost package with alternators mounted on the front of the engine
Battery bank = 24 wet traction cells, 48V @400Ah
Battery auto watering and venting system
Battery monitor
3kVA (6kVA peak) charger/inverter
Cross charger for single 12V buffer battery

NOTE: Full hybrid system providing 10kW electric drive (4 - 6 hour duration) plus 7 to 8kW generation capability at cruising speeds for a craft using gas for cooking

## Enhanced Hybrid Package

Base engine - Shire 40 / 45 / 50
Hybrid system providing 10kW drive and 5kW generation
48V, 4.8kW alternator boost package with alternator mounted on the front of the engine
Battery bank = 24 wet traction cells, 48V @800Ah
Battery auto watering and venting system
Battery monitor
5kVA (10kVA peak) charger/inverter
Cross charger for single 12V buffer battery

NOTE: Complete Hybrid package with double the battery capacity giving 8 - 12 hour electric drive duration. Larger inverter (5kW / 10kW peak) resulting in an all electric boat (cooking with electric).

NOTE : 20kW units are available for Shire 70 and Shire 90 engines

## Standard Features and Function

- Whisper quiet electric operation whilst the standard diesel engine is available to meet high end power requirements
- No more idling in locks, and actually hear your crew from the bottom of the lock
- Power your entire boat with the onboard hybrid generator and battery bank. No more charging in the evening to top up 12V batteries.
- Run a powerful ring main via an inverter from the large battery bank. Cook electric in complete silence and eliminate gas onboard.
- Significant reduction in fuel consumption and engine hours.

## 20kW Hybrid System

