

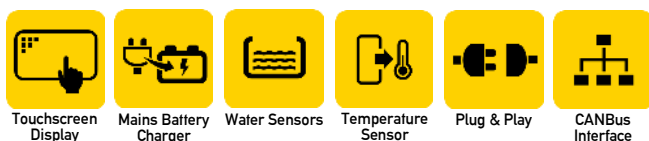
Modular Power System

K940A / K970A Complete Kits

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The Modular Power System is both compact and flexible, allowing mounting as a single unit or separately where space is a premium. The MC100 is the hub of the system providing power, switching and monitoring for 12 volt accessories such as heating, lighting and water systems. The MC200 provides RCD and MCB protection for 230 volt mains circuits. A colour touchscreen display offers intuitive controls for monitoring and control of Lighting, Power, Water and Environmental sensors. The system can be easily expanded through the addition of intelligent CANBus accessories such as a Lithium batteries, Ultrasonic water sensors, Solar regulators & Battery chargers



Kit Contents includes:-

MC100 Control Unit, MC200 Consumer Unit, EC940 or EC970 Touchscreen Display, PX310 Battery Charger, 12V & 230V Wiring Harness, Water Sensors, Temperature Sensor, Connector & Fuse kit

Specification	MC100
LEISURE & VEHICLE Inputs	2 x 30A battery inputs via 2-way connectors
CHARGER Input	1 x 25A input via 2-way connector
OUTPUTS	Up to 25A total output via 8 x Blade Fuses
INPUTS (Signals)	Engine run + multiple vehicle connections
TMP Input	1 x External Temp sensor
FRESH & WASTE Inputs	4 x Fresh levels (25% steps) 1 x Waste level
DATA In / Out	2 x CANBus channels
Specification	MC200
Input Voltage	230V AC @ 0-16A
Output Protection	RCD: 1 x 40A, 30mA MCBs: 1 x 16A + 2 x 10A



Example Power screens for EC940 & EC970

- **Modular Power Supply Units** - Provide protection and control for all AC & DC circuits
- **Touchscreen Control Panel** - Intuitive interface for control and monitoring of equipment
- **Multi-stage battery charger** - up to 20Amps for charging Leisure or Vehicle battery
- **Fresh & Waste tank sensors** - provide water tank monitoring and control panel alerts
- **Environmental sensors** - monitor internal temperature / humidity and external temperature
- **Plug & Play connections** - Flexible installation using pre-made harnesses and connector kit
- **Fully protected** - built-in RCD, MCB and 12V fused protection



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