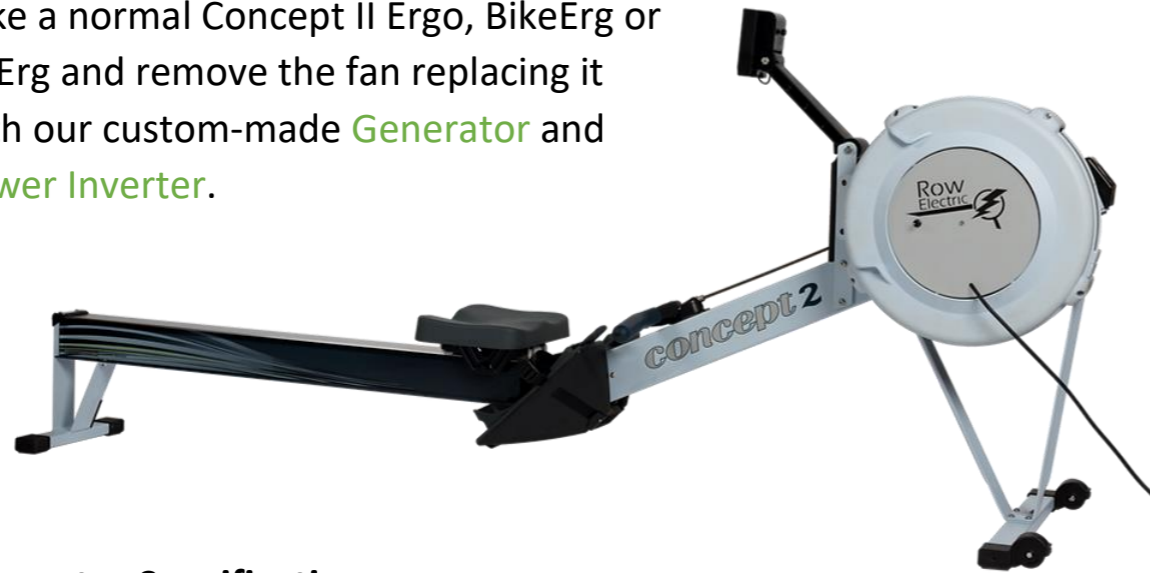


RowElectric Generator & Power Inverter

Take a normal Concept II Ergo, BikeErg or SkiErg and remove the fan replacing it with our custom-made **Generator** and **Power Inverter**.



Generator Specification

- Nominal output 400W, 0-150V, 3-phase, 0-150Hz
- Speed 0-2000rpm
- Rotation Inertia matched to C2 Fan

Power Inverter Specification

- Input 0-150V, 3-phase, 0-150Hz
- Useful Power Output 10-30VDC, 400W
- Dump load up to 2kW

The **Useful Power** circuit will take priority and direct the user's energy to the Battery, Power Station or Microinverter.

If the **Useful Power** circuit cannot maintain the required power output, then the excess power will be directed to the dump load. This ensures the feel and performance of the machine is maintained and the Performance Monitor functions as normal (~1% tolerance).

Rowing Machine, Battery, Power Station and Microinverter not included.

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Set the **POWER INVERTER** up by connecting it to a laptop via a USB or tell us how you want it set-up. The following options are available.



Option 1 – Charge a suitable **BATTERY** directly (12V or 24V). The battery needs to be safe for un-managed charging. A voltage limit will be set to avoid over-charging.



Option 2 – Power a suitable **POWER STATION** via the MPPT input. This is safer than direct charging as it uses the power stations internal battery charger and monitoring circuit.



Option 3 – Power a suitable MPPT **SOLAR MICROINVERTER** and feed your energy into your Home or Gym's electrical system. The microinverter needs to be connected to a suitable circuit.

Anticipated cost	£TBA + VAT (To be confirmed in 2023)
Availability	200 units in 2023 (first come first serve)
Deposit of £TBA + VAT to reserve your unit	
Pay all in one go to get a X% discount and to the top of the delivery list	