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## Battery Engine

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### FEATURES

- **Gill AC precision**
- **Up to 4000 Watts**
- **Short Circuit Proof**
- **High Speed**
- **AC and DC tests**
- **Sequencer**
- **Analysis**

### APPLICATIONS

- **Batteries**
- **Fuel Cells**
- **Power Supplies**
- **Cathodic Protection**
- **Electroplating**

### DESCRIPTION

Using Gill AC technology and an external Electronic Load allows over 1000 Amps of compliance current.

This system uses the precision of the Gill AC to generate and measure DC and AC signals using standard Sequencer software. At the front of the Gill AC is an Electronic Load. These have been made for many years by specialist companies for the testing of electronic components and are very reliable. Specified up to 1000 Volts and 1000 Amps but with ultra low voltage capability they are the perfect companion to a Gill AC.

If more than one channel is needed our Battery Engine 8 may be considered, consisting of the Gill AC, the Electronic Load and our Super Power Multiplexer to give 8 sequential channels.

All DC tests can be performed, both under potentiostatic and galvanostatic control. AC Impedance can also be performed, either under potential or current control.

A tremendous instrument, tough and reliable with proven software and good value, no battery lab should be without one.

Case type: One small 19" rack for the Gill AC, a large 19" rack for the Electronic Load and a companion 19" rack for the Super Power Multiplexer. All boxed and wired together in a 6 - 9 U 19" case.

Options needed: PC running Windows.

Cost: Depends on power level required, represents excellent value.

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