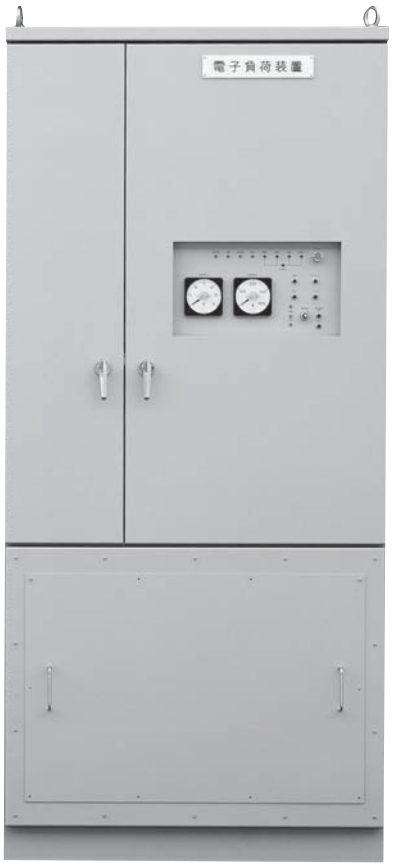
# Power Supply for Fuel Cell Evaluation Test　燃料电池用评价试验装置

This device can be used for development, evaluation, and endurance test etc. of the fuel cell. It is composed from electronic loading instrument and auxiliary power supply (rectifier).

本装置由电子负载装置和辅助电源装置（整流器）构成，可以用于燃料电池的开发，评价和耐久试验等。




## Feature　特长

- High-power fuel cell can be tested easily and linearly.
  可以简单地进行大功率燃料电池的线性试验。
- Dummy resistance is turned on separating the load in abnormal circumstances to protect the fuel cell.
  异常时可以断开负载加入虚设电阻，以保护燃料电池。
- Additionally, there are more protection functions.
  还有其他完备的保护功能。
- Low cost when compared to a small capacity parallel operation
  与小容量并列运行相比，价格低廉。
- Various remote control functions
  具有各种遥控功能。

## Specifications　规格

- **All transistor control electron loading instrument**
  **全三极管控制电子负载装置**
  Voltage　电压
  DC4 ～ 30V

  Current　电流
  DC0 ～ 3000A　MAX

  Electric power　电力
  DC30kW　MAX

  Current accuracy：± (0.05 % ＋ 250mA) compared with ± 10 % variable of operational power supply
  ± (0.05 % ＋ 500mA) compared with DC4 ～ 30V voltage variable
  电流稳定度：相对操作电源 ±10%的变动，电流控制在 ±（0.05%＋ 250mA）
  相对电压 DC4 ～ 30V 的变动，电流控制在 ±（0.05%＋ 500mA）

- **Power supply for auxiliary power**
  **辅助电源用电源**
  Input：　Three phase 200V ± 10%
  输入：　三相 200V±10%

  Output：DC4/8V　3000A
  0V operation, 4V operation, 8V operation
  输出：　DC4/8V　3000A
  0V 运行，4V 运行和 8V 运行

## Block diagram　结构图