

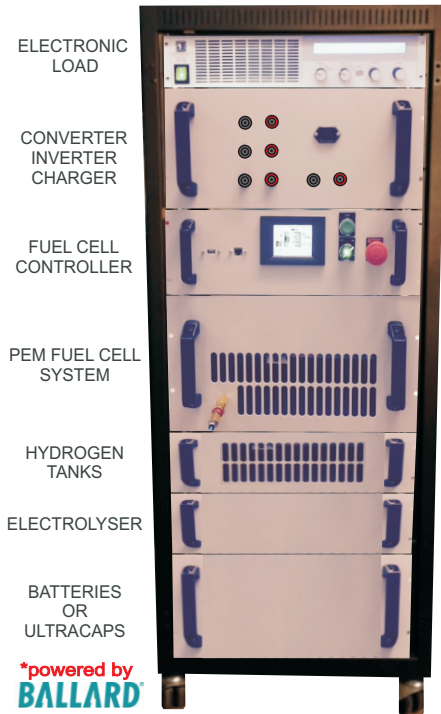
TB SERIES EDUCATIONAL FC SYSTEM

for Universities, Research Institutes, Colleges, Schools & Demonstration Projects

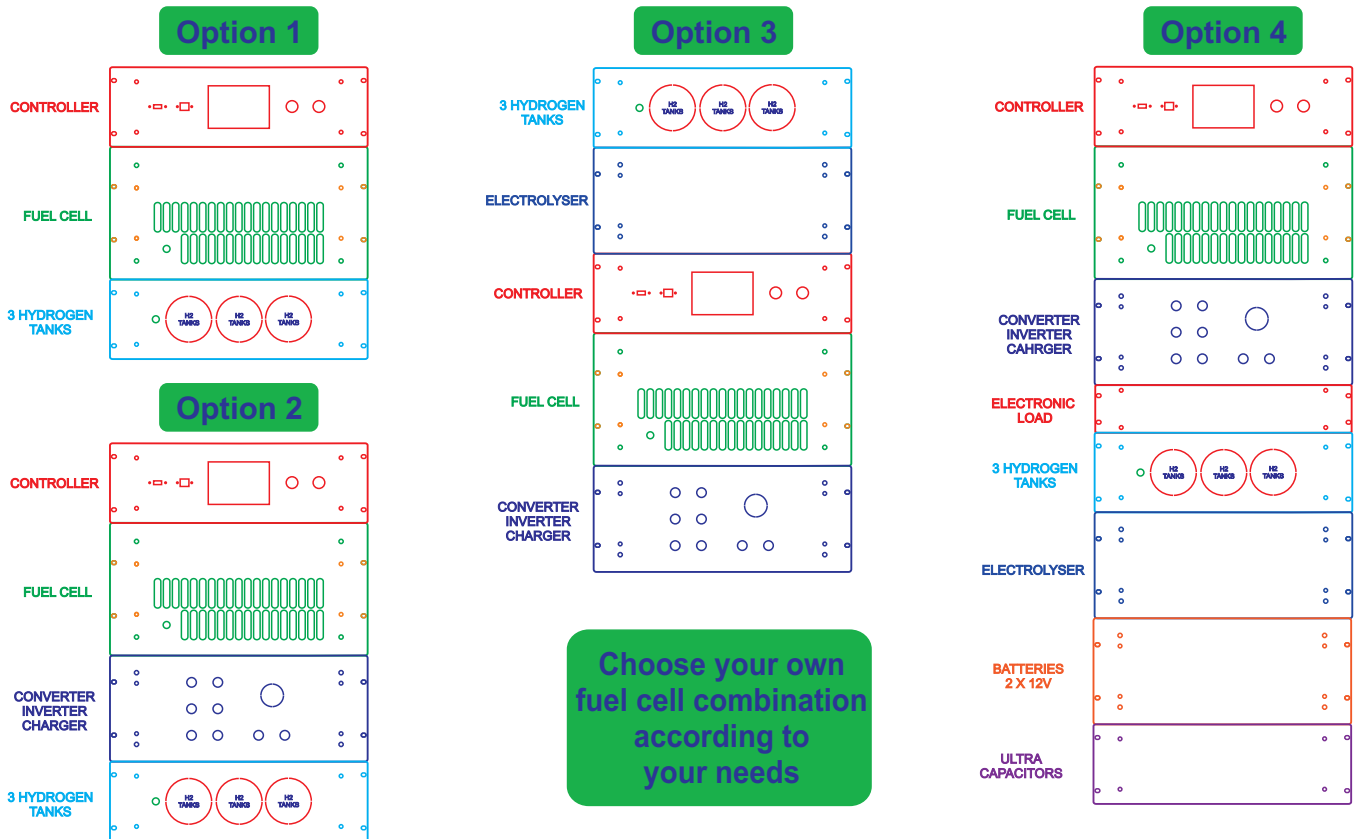
PRODUCT OVERVIEW

Tropical TB series rack version fuel cell systems are specifically designed for Universities, Research Institutes, Colleges, Schools as well as Research & Demonstration Projects. The 19" rack cabinet due to its modularity, can include all the relevant equipment for a complete autonomous fuel cell system, either for lab operation / experiments or as simply as for demonstration purposes. According to your needs, the educational system may include :

- 1.2kW Fuel Cell Power System (with touch screen + controller)
- Power Electronics which can include:
 - DC-DC Converter (for 12V, 24V or 48V DC Stabilized Output)
 - BATTERY Charger (for 12V, 24V or 48V DC Batteries)
 - DC-AC Inverter (for 110V or 220V AC Output)
- Hydrogen Storage (in Metal Hydride Tanks / 3 tanks minimum)
- SPE or PEM Water Electrolyser (for hydrogen production)
- Hydrogen Leak Detectors (inside the system and/or portable ones)
- Electronic load (with display, U - I - P - R settings and dynamic operation)
- Batteries or Ultracapacitors (as power bank)



POSSIBLE RACK COMBINATIONS



Choose your own fuel cell combination according to your needs

Modular Hydrogen Fuel Cell Systems for Education