

Designed for efficiency



- BUILT TO WIN
- LIGHTWEIGHT AND EFFICIENT
- EASY TO USE

Competition grade 500W Fuel Cell

- H-500 stack with blower
- Hydrogen supply valve
- Hydrogen purge valve
- Fuel cell controller
- Manual
- PU tube

FUEL CELL SYSTEM

- Over current protection
- Low voltage protection
- Over temperature protection
- Hydrogen sensor (25% LFL) (optional)
- Emergency shut down switch Self
- sustainable function
- DC-DC converters (optional)
- Ultra capacitor bank (optional)

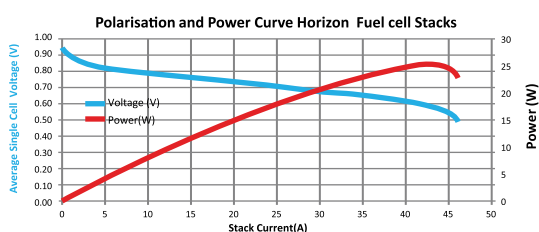
SAFETY



Less time is needed to develop the powertrain – making more time available for vehicle testing and performance optimization!

All inclusive easy to integrate system including high performance 500W fuel cell, controller and serial port monitor for live feed of performance indicators,

- Efficient: greatly reduced H_2 fuel consumption
- Plug & play, easy to integrate!
- Lower weight, smaller size - new materials
- Compliant with new Eco-marathon rules



H-500 XP

Type of fuel cell	PEM
Number of cells	30
Rated power	500W
Rated performance	18V@27.8A
Reactants	Hydrogen and Air
External temperature	> 0 up to +35°C
Max stack temperature	63°C
Composition	99.99% dry H_2
H2 pressure	7.2-9.4 PSI
Humidification	Self-humidified
Cooling	Air
Weight	3.9kg
Dimensions	130 x 203 x 52mm
Flow rate at rated output	5.86L/min
Peak efficiency of stack	56%