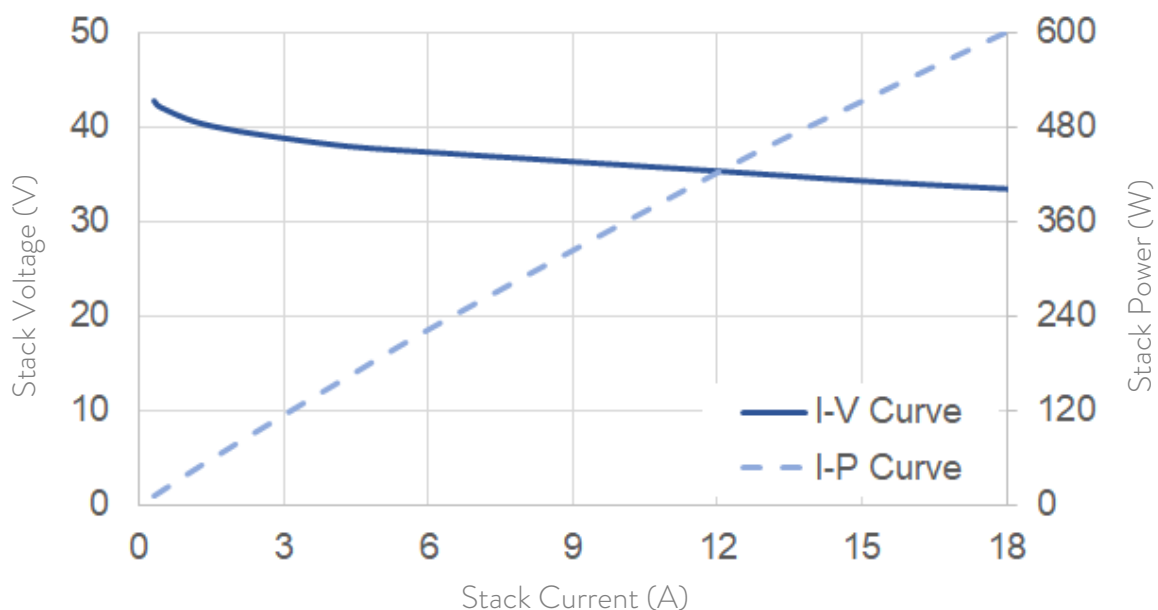




AEROSTAK 500

SPECIFICATIONS

Stack Design	45 cells
Stack Rated Power	500 W
Stack Peak Power	600 W
Stack Voltage Range	27.0 V - 42.8 V
Stack Current Range	0 - 25 A
Air Input Temperature	0 - 35°C
Cooling	Air (Integrated fan)
Total FC System Weight	1300 g
FC System Dimensions (With Casing)	194 mm x 105 mm x 166 mm
Hydrogen Input Pressure	0.6 - 0.8 bar
Hydrogen Purity Required	99.999 %
Hydrogen Max. Consumption	< 7.6 L/min
Start Up Time	< 30 s
Suggested Hybrid LiPo	8S (>100C discharge rated)



AEROSTAK HYBRIDIZATION

The AEROSTAK is a complete Fuel Cell system including proprietary electronics for hybridization with a Lithium Polymer battery. The LiPo provides additional electrical power when the load required exceeds the capacity of the Fuel Cell stack. The electronics module also provides up to 1.5A to recharge the LiPo when excess power is available.

