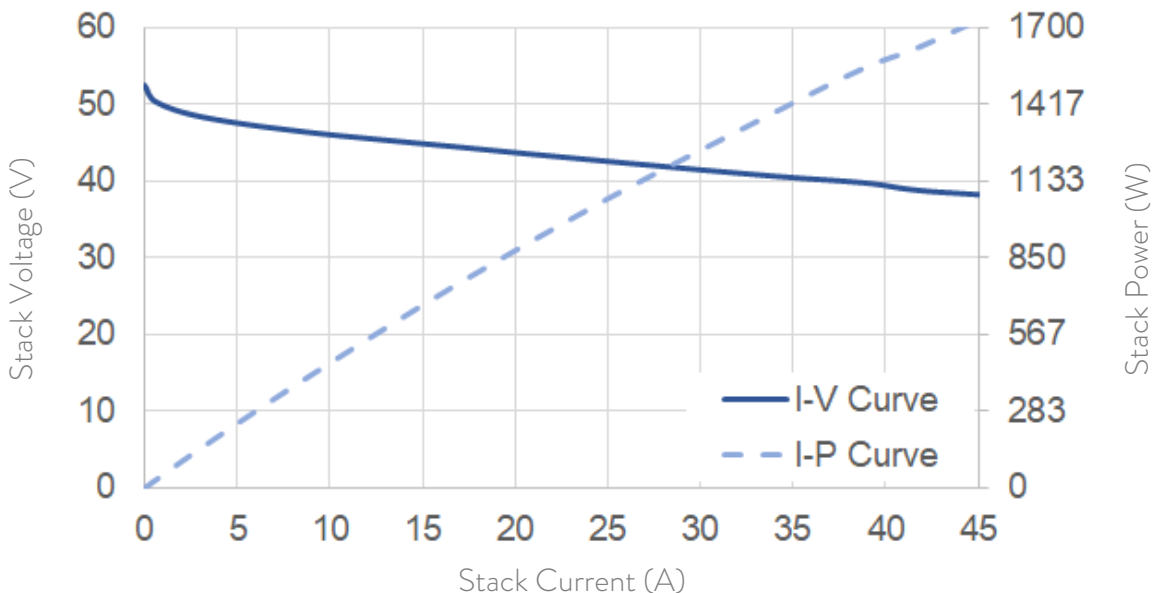




AEROSTAK 1500

SPECIFICATIONS

Stack Design	54 cells
Stack Rated Power	1500 W
Stack Peak Power	1700 W
Stack Voltage Range	32.4 V - 51.3 V
Stack Current Range	0 - 45 A
Air Input Temperature	0 - 35 °C
Cooling	Air (Integrated fan)
Total FC System Weight	2800 g
FC System Dimensions (With Casing)	302 mm x 120 mm x 145 mm
Hydrogen Input Pressure	0.6 - 0.8 bar
Hydrogen Purity Required	99.999 %
Hydrogen Max. Consumption	< 26.0 L/min
Start Up Time	< 30 s
Suggested Hybrid LiPo	9S (>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.

