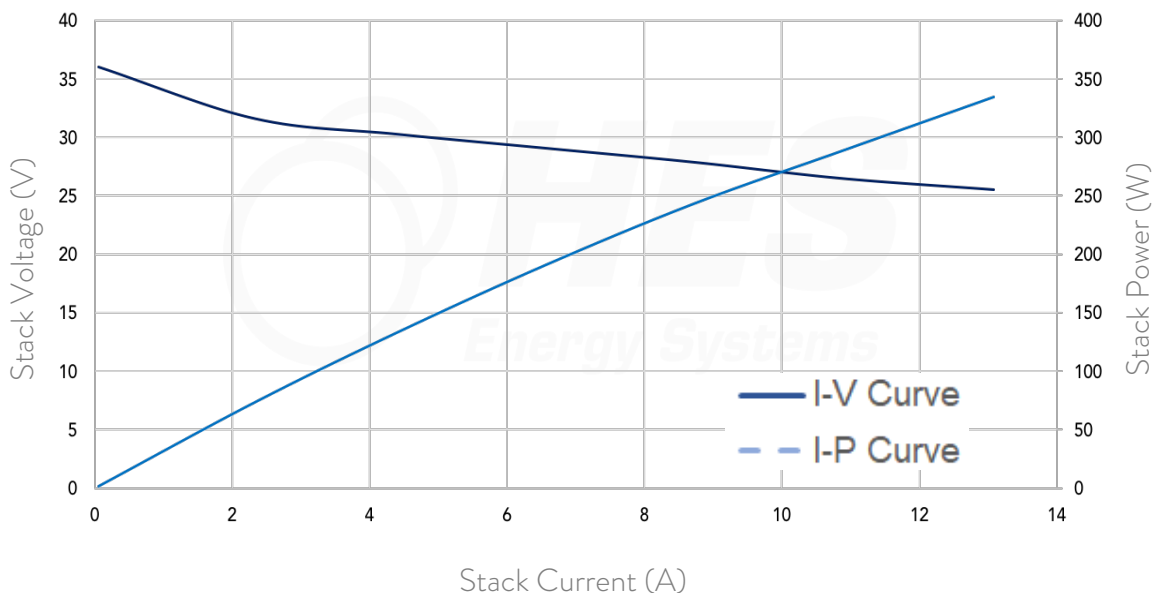




# AEROSTAK 250

## SPECIFICATIONS

Stack Design	<b>37 cells</b>
Stack Rated Power	<b>250 W</b>
Stack Peak Power	<b>300 W</b>
Stack Voltage Range	<b>22.2 V - 35.2 V</b>
Stack Current Range	<b>0 - 13.5 A</b>
Air Input Temperature	<b>0 - 35 °C</b>
Cooling	<b>Air (Integrated fan)</b>
Total FC System Weight	<b>720 g</b>
FC System Dimensions (With Casing)	<b>110 mm x 120 mm x 123 mm</b>
Hydrogen Input Pressure	<b>0.6 - 0.8 bar</b>
Hydrogen Purity Required	<b>99.999 %</b>
Hydrogen Max. Consumption	<b>&lt;3.8 L/min</b>
Start Up Time	<b>&lt;30 s</b>
Suggested Hybrid LiPo	<b>7S (&gt;100C discharge rated)</b>



# 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.

